TOSHIBA

**Série
CV51*
XV51*
DIGITAL**

REGZA

Contents

English

3

Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured. Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

Air Circulation

Leave more than 10cm clearance around the television to allow adequate ventilation. This will prevent overheating and possible damage to the television. Dusty places should also be avoided.

Heat Damage

Damage may occur if the television is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity. Place in a location where the temperature remains between 5°C (41°F) min. and 35°C (94°F) max.

Mains Supply

The mains supply required for this equipment is 220-240v AC 50/60Hz. Never connect to a DC supply or any other power source. DO ensure that the television is not standing on the mains lead.
DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance.
IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

DO NOT REMOVE ANY FIXED COVERS AS THIS WILL EXPOSE DANGEROUS AND 'LIVE' PARTS.

THE MAINS PLUG IS USED AS A DISCONNECTING DEVICE AND THEREFORE SHOULD BE READILY OPERABLE.

Do not

DO NOT obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DO NOT allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DO NOT place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DO NOT use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturers' approved stand, bracket or legs with the fixings provided according to the instructions.

DO NOT leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off by withdrawing the plug, make sure your family know how to do this. Special arrangements may need to be made for people with disabilities.

DO NOT continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

WARNING – excessive sound pressure from earphones or headphones can cause hearing loss.

ABOVE ALL – NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the case.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

English

Installation and important information

Where to install

Locate the television away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.

Place on a sturdy platform, the mounting surface should be flat and steady. It should be secured to the wall with a sturdy tie using the clip on the back of the stand, or secured to the platform using the fixing strap located underneath the table top stand, this will prevent it from falling over.

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

Sturdy tie (as short as possible)

Clip

Clip

Clip

Side View

Top View

English

Make sure the television is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen, and that small items cannot be inserted into slots or openings in the case.
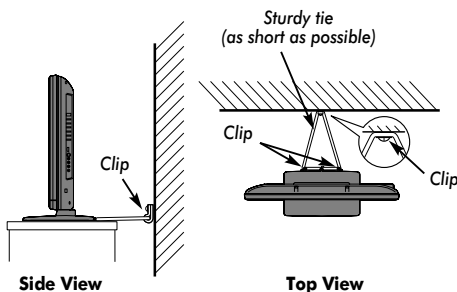
Please take note

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

i)   fire;
ii)   earthquake;
iii) accidental damage;
iv) intentional misuse of the product;
v)   use of the product in improper conditions;
vi) loss and/or damage caused to the product whilst in the possession of a third party;
vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

• If stationary images generated by 4:3 broadcasts, text services, channel identification logos, computer displays, video games, on screen menus, etc. are left on the television screen for any length of time they could become conspicuous, it is always advisable to reduce both the brightness and contrast settings.

• Very long, continuous use of the 4:3 picture on a 16:9 screen may result in some retention of the image at the 4:3 outlines, this is not a defect of the LCD TV and is not covered under the manufacturers warranty. Regular use of other size modes (eg: Superlive) and varying the "side panel" brightness (if available on the model) will prevent permanent retention.

The remote control

Simple at-a-glance reference of your remote control.
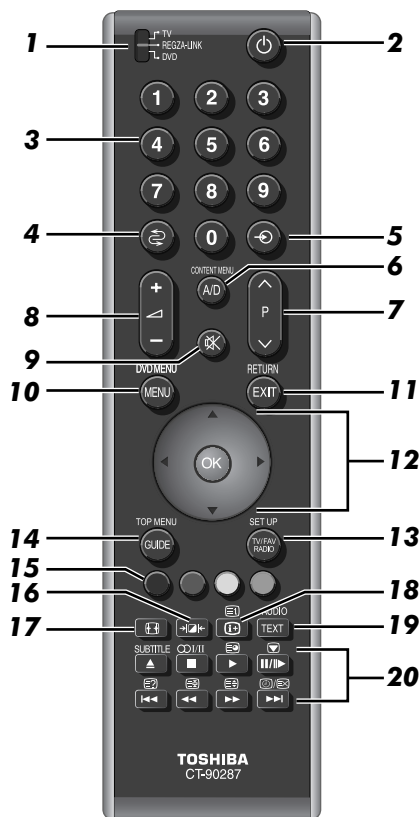
1 To select device mode (T/R/D)*

2 For On/Standby mode (T/R/D)

3 Number buttons (T/R/D)

4 To return to the previous programme (T)

5 To select external input sources (T/R/D)

6 To switch between ATV (analogue television) and DTV (digital television) (T)
To display Content menu (R)

7 To change programme positions (T/R)
To change text pages (T)

8 To alter the TV volume (T/R/D)

9 To mute the TV sound (T/R/D)

10 On-screen menus (T)
DVD menus (R/D)

11 To exit menus (T)
To return to previous menu (R/D)

12 When using menus the arrows move the cursor on the screen up, down, left or right. (OK) to confirm your selection (T/R/D)

13 To display TV, Radio and Favourite programme list when in **digital** mode (T)
To access Setup menu (R/D)

14 To display the **digital** on-screen Programme Guide (T)
To access Top Menu (R/D)

15 Text control buttons (T)
Application control on device (R)

16 TV selectable picture preferences (T/R/D)

17 TV widescreen viewing (T/R/D)

18 To display on-screen information (T/R/D)
To access index page in Text mode (T)

19 To call up text services (T)

20 **When in TV mode:**

⊙/⊟⊠	Analogue time display
▼	Picture still
⊙I/II	Stereo/bilingual transmissions
SUBTITLE	Digital subtitles or TEXT subtitle pages if available

When in Text mode:

⊟⊙	To access sub pages
⊟?	To reveal concealed text
⊟⊞	To hold a wanted page
⊟⊞	To enlarge text display size
⊙/⊟⊠	To select a page whilst viewing a normal picture

When using the Programme Guide:
|◄◄ – 24 hours
►►| + 24 hours
◄◄ – 1 page
►► + 1 page

REGZA-LINK or DVD mode:
press II/II► to PAUSE/STEP
press ► to PLAY
press ◄◄ to REWIND
press ►► to FAST FORWARD
press ▲ to EJECT
press ■ to STOP
press |◄◄ to SKIP-REWIND
press ►►| to SKIP-FORWARD

* T=TV mode, R=REGZA-LINK mode, D=DVD mode

English

6

Inserting batteries and effective range of the remote
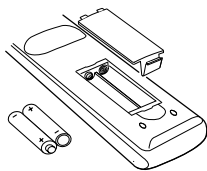
Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round. Suitable battery types for this remote are AAA, IEC R03 1.5V.

Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in a designated disposal area. **Warning:** batteries must not be exposed to excessive heat such as sunshine, fire or the like.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the television. If the operating range becomes reduced the batteries may need replacing.

English

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Connecting external equipment

Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.
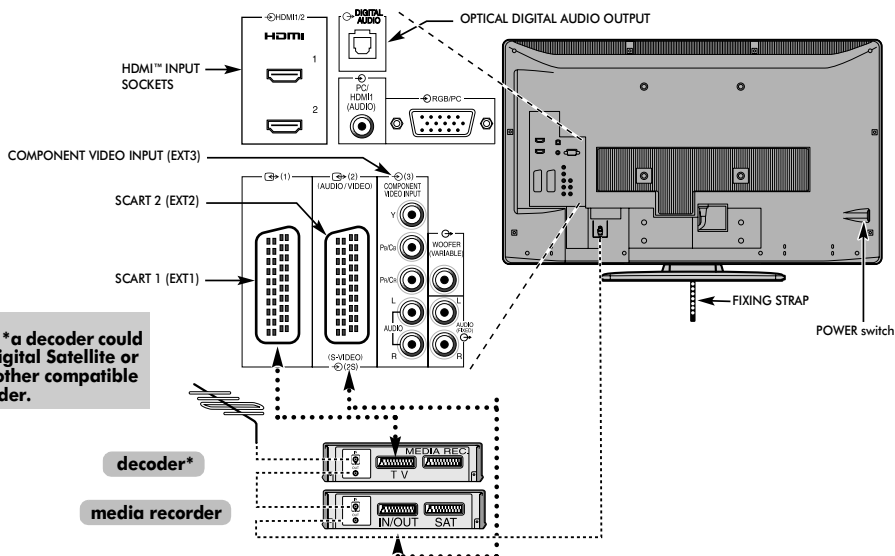
Aerial cables: -

Connect the aerial to the socket on the rear of the television. If you use a decoder* and/or a media recorder it is essential that the aerial cable is connected through the decoder and/or through the media recorder to the television.

SCART leads: . . . .

Connect the video recorder **IN/OUT** socket to the television. Connect the decoder **TV** socket to the television. Connect the media recorder **SAT** socket to the decoder **MEDIA REC**. socket.

Before running **Auto Tuning** put your decoder and media recorder to **Standby**.

The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals.

The Digital Audio Output socket enables the connection of a suitable surround sound system.

HDMI™ (High-Definition Multimedia Interface) is for use with a DVD, decoder or electrical equipment with digital audio and video output. It is designed for best performance with 1080i and 1080p high-definition video signals but will also accept and display VGA, SVGA, XGA, WXGA, SXGA, 480i, 480p, 576i, 576p and 720p signals.

PC format signals will also display as shown on page 47.

NOTE: Although this television is able to connect to HDMI equipment it is possible that some equipment may not operate correctly.

A wide variety of external equipment can be connected to the back of the television, therefore the relevant owners manuals for *all* additional equipment must be referred to.

We recommend *SCART 1* for a decoder and *SCART 2* for a media recorder.

If connecting S-VIDEO equipment, set the **INPUT** for **EXT2**. See *page 35*.

If the television automatically switches over to monitor external equipment, return to normal television by pressing the desired programme position button. To recall external equipment, press ⊕ to select between **DTV**, **EXT1**, **EXT2**, **EXT3**, **HDMI1**, **HDMI2**, **HDMI3**, **PC** or **ATV**.

When the external input mode is selected while viewing DTV mode, the SCART socket does not output video/audio signals.

If ▼ button is pressed while viewing DTV mode, the picture on your screen and the SCART output will become a still picture.

DOLBY DIGITAL·PLUS *Manufactured under license from Dolby Laboratories.*
Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

HDMI *HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.*

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Connecting an HDMI™ or DVI device to the HDMI input

The HDMI input on your television receives digital audio and uncompressed digital video from an HDMI source device, or uncompressed digital video from a DVI (Digital Visual Interface) source device.

This input is designed to accept HDCP (High-Bandwidth Digital-Content Protection) program material in digital form from EIA/CEA-861-D–compliant [1] consumer electronic devices (such as a set-top box or DVD player with HDMI or DVI output). For acceptable video signal formats, see page 47.

NOTE:
• Some early HDMI equipment may not work properly with your latest HDMI TV, due to the adoption of a new standard. Please unplug your HDMI cable first and then try setting the **Lip Sync** to "**Off**". Your early HDMI source should operate properly with your television. See page 36.
• Supported Audio format: Linear PCM, sampling rate 32/44.1/48kHz.

To connect an HDMI device

Connect an HDMI cable (type A connector) to the HDMI terminal.

For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (**HDMI**).

• If your HDMI connection is capable of 1080p and/or your television is capable of refresh rates greater than 60Hz, you will need a Category 2 cable. Conventional HDMI/DVI cable may not work properly with this mode.
• HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration).
• See "HDMI1 Audio" on page 36.

The HDMI3 terminal is located at the side of the television.

HDMI cable
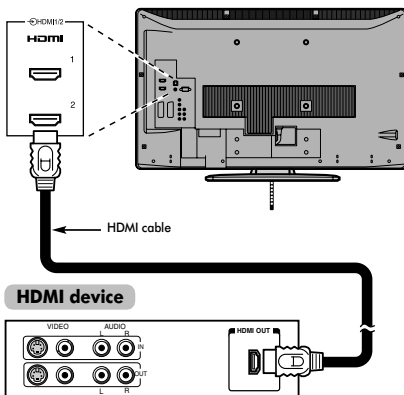
HDMI device

To view the HDMI device video, press the ⊕ to select HDMI1, HDMI2 or HDMI3 mode.

To connect a DVI device

Connect an HDMI-to-DVI adapter cable (HDMI type A connector) to the HDMI1 terminal and audio cables to the PC/HDMI1 (AUDIO) socket (see illustration).

• The recommended HDMI-to-DVI adapter cable length is 6.6 ft (2m).
• An HDMI-to-DVI adapter cable transfers video only. Separate analogue audio cables are required.
• See "HDMI1 Audio" on page 36.

Audio cable for HDMI to television connection *(not supplied)*

HDMI-to- DVI adapter Cable
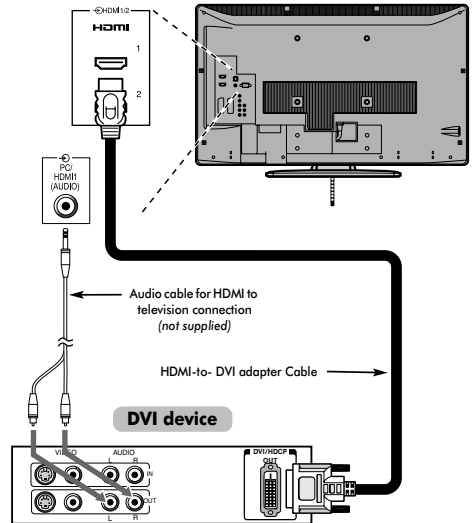
DVI device

NOTE:
To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:

• When turning on your electronic components, turn on the television first, and then the HDMI or DVI device.
• When turning off your electronic components, turn off the HDMI or DVI device first, and then the television.

English

REGZA-LINK connection

You can control the basic functions of connected audio/video devices using the televisions remote control if you connect a REGZA-LINK compatible AV amplifier or playback device. For an explanation of setup and operations, see pages 37–38.
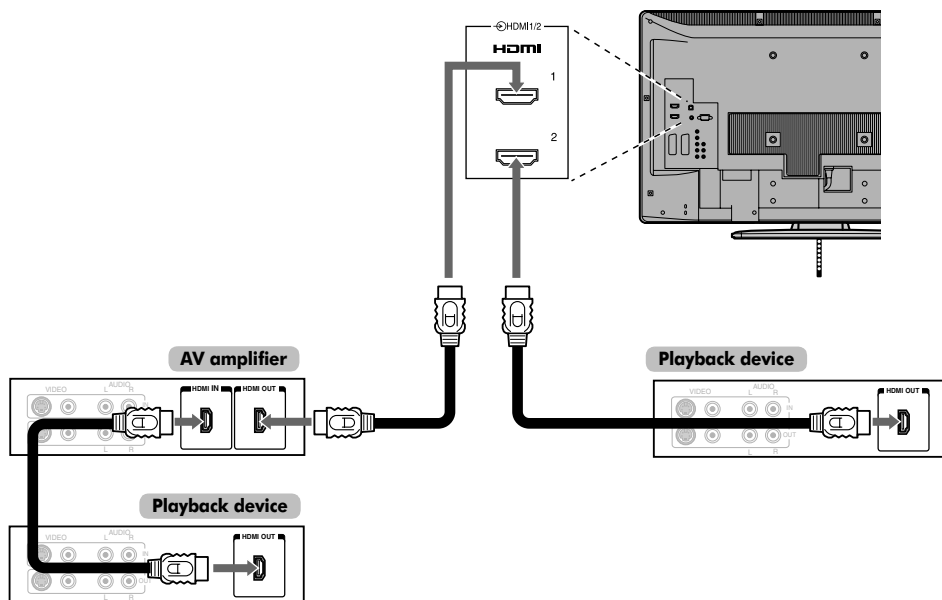
For the setup shown above, you will need three HDMI cables (see page 9).

NOTE:
- If several devices are connected, the REGZA-LINK feature may not operate properly.
- For proper operation, it is recommended that you use HDMI cables with the HDMI Logo (**HDMI**)
- The HDMI3 terminal is located at the side of the television.

Before controlling the device(s):
- After completing the above connections, set the REGZA-LINK menu as you desire (see page 37).
- The connected devices must also be set. For details, see the operation manual for each device.
- The REGZA-LINK feature uses CEC technology as regulated by the HDMI standard.
- This feature is limited to models incorporating Toshiba's REGZA-LINK. However, Toshiba is not liable for those operations. Refer to individual instruction manuals for compatibility information.

Connecting a computer

With either the RGB/PC or an HDMI connection, you can watch your computer's display on the television and hear the sound from the televisions speakers.

To connect a PC to the RGB/PC terminal

When connecting a PC to the RGB/PC terminal on the television, use an analogue RGB (15-pin) computer cable and a PC audio cable to the PC/HDMI1 (AUDIO) socket. Select **PC** from the **PC/HDMI1 Audio** options in the **AV Connection** menu located in the **SETUP** menu.

the back of your television

Mini D-sub
15 pin connector

Computer

Audio cable for PC to
television connection
(not supplied)

RGB PC cable
(not supplied)

Conversion
adaptor if required
(not supplied)
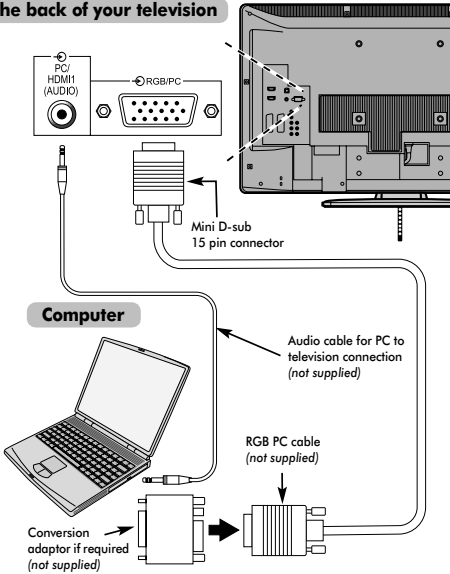
To use a PC, set the monitor output resolution on the PC before connecting it to the television. For acceptable video signal formats, see page 46.

To display the optimum picture, use the PC setting feature (see page 34).

NOTE:
- The PC audio input terminal on the television is shared with the HDMI1 analogue audio input terminal (see page 36).
- Some PC models cannot be connected to this television.
- An adapter is not needed for computers with a compatible mini D-sub15-pin terminal.
- Depending on the DVD's title and the specifications of the PC on which you are playing the DVD-Video, some scenes may be skipped or you may not be able to pause during multi-angle scenes.

- A band may appear at the edges of the screen or parts of the picture may be obscured. This is due to scaling of the picture by the set, it is not a malfunction.
- When PC input mode is selected some of the television's features will be unavailable e.g. **Manual Settings** in the **SETUP** menu, **Colour**, **Tint**, **DNR** and **Black/White Level** in the **Picture Settings** menu.
- If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly.

To connect a PC to the HDMI terminal

When connecting a PC to the HDMI terminal on the television, use an HDMI-to-DVI adapter cable and an analogue audio cable.

If connecting a PC with an HDMI terminal, use an HDMI cable (type A connector). A separate analogue cable is not necessary (see page 9).

the back of your television

Computer

HDMI-to-DVI
adapter cable

Audio cable for
PC to television
connection *(not
supplied)*
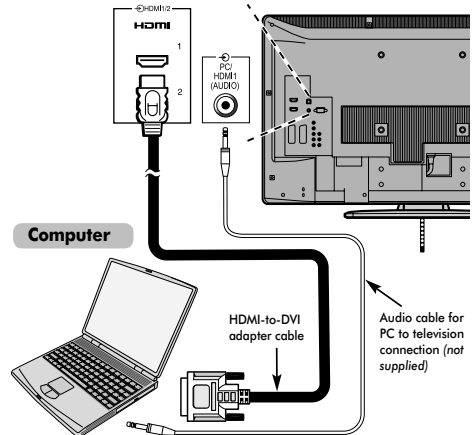
For acceptable PC and video signal formats, see page 47.

NOTE:
- The edges of the images may be hidden.
- If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly.

English

11

Controls and input connections

A wide variety of external equipment can be connected to the input sockets on the side of the television. *Whilst all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions.*

POWER switch

Standby

COMMON INTERFACE
The Common Interface is for a
Conditional Access Module
(CAM).
Contact a service provider.

HDMI3 INPUT

INPUT 3 (EXT3)

🔲 **Input 3 (side) will take priority over EXT3 (back) if both connections are used at the same time.**

*ORANGE LED - Programme timer set (***digital** *only)*
*RED LED – Programme timer Active (***digital** *only)*

RED LED – Standby
GREEN LED – Power on

Switching on

If the RED LED is unlit check that the mains plug is connected to the power supply and press the ⏻/❘ (POWER) button on the left side of the television to switch the television on. If the picture does not appear press ⏻ on the remote control, it may take a few moments. The GREEN LED will be lit.

To put the television into Standby press ⏻ on the remote control. To view the television press ⏻ again. The picture may take a few seconds to appear.

Using the remote control

Press 🄼 on the remote control to see the menus.

The menu appears as a list of six topics. As each symbol is selected by pressing ◀ or ▶ on the navigation ring on the remote control, its respective options will appear below.

NOTE: The same menu is displayed in DTV (Digital TV) and ATV (Analogue TV) modes; however some items are greyed out in each case.

To use the options, press ▲ and ▼ on the remote control to move up and down through them and 🆗, ◀ or ▶ to select the required choice. Follow the on-screen instructions. The functions of each menu are described in detail throughout the manual.

Using the controls and connections

To alter the volume press – ⟋ +.

To alter the programme position press ▼ Ⓟ ▲.

Press **MENU** and ❮, ❯, ︿ or ﹀ to control the sound and picture options.

Press **MENU** twice to finish.

An S-video cable provides better picture performance than a composite video cable. If you connect an S-video cable to **EXT3**, be sure to disconnect the standard (composite) video cable or the picture performance will be unacceptable.

Please always refer to the owner's manual of the equipment to be connected for full details.

Startup Application

Before switching on the television put your decoder and media recorder to **Standby** if they are connected.
To set up the television use the buttons on the remote control as detailed on page 6.

Quick Setup

1 Press the ⏻ button. The Menu Language/Country **Quick Setup** screen will appear. This screen will appear the first time that the television is switched on and each time "**Reset TV**" is executed.

Quick Setup		
Menu Language	◀ **English**	▶
Country	France	

2 Press ◀ or ▶ to select the menu language **Français** or **English**.

Country is fixed to **France** in this model.

3 Press (OK) to display the **Auto Tuning** startup screen. To execute **Auto Tuning** press (OK) again.

The television will start to search for available ATV and DTV channels. The progress bar will indicate the scan status.

You must allow the television to complete the search.

Auto Tuning	Progress	Found
ATV Tune	3%	2
DTV Tune	Waiting...	
	Channel: C7 Station:	
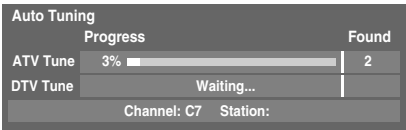
When the search is complete the television will automatically select programme one.

The **Auto Tuning** results screen will display the services that are found.

Auto Tuning			
ATV ▶ DTV			
Prog.	Name		CH
0	VCR		60
1			2
2			10
3			7
4			40
5			22
6			25
7			28 ▼
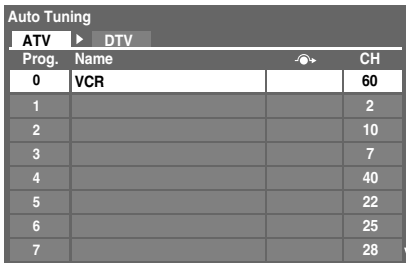
4 Press ◀ or ▶ to view the **DTV** (digital channel) or **ATV** (analogue channel) lists.

Auto Tuning			
ATV ◀ DTV			
Prog.	Name	Type	CH
6	M6	■	24
9	W9	□	24
11	NT1	□	24
31	PARIS PREMIERE	□	24
34	AB1	□	24
36	TF6	□	24
800	FlowerGd 6Mbs	□	21
801	FlowerGd 4Mbs	□	21 ▼
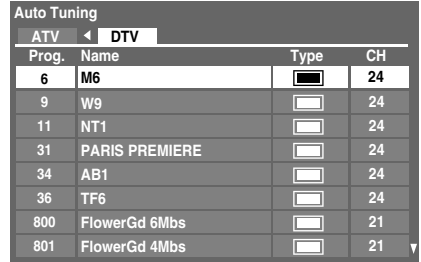
5 Use ▼ or ▲ to move through the list to select a programme then press (OK) to view.

NOTE: The time will be set automatically by transmission but can be advanced or decreased by up to 3 hours using **Local Time Setting**.

PLEASE NOTE

The **Quick Setup** menu can also be displayed at any time from the **SETUP** menu.

13

Auto Tuning

NOTE: As new services are broadcast it will be necessary to re-tune the television in order to view them.

Auto Tuning *will completely re-tune the television and can be used to up date the channel list.*
It is recommended that Auto Tuning is run periodically to ensure that all new services are added*. All current programmes and settings, i.e. favourites and locked programmes, will be lost.*

1 Press (MENU) and use ◄ or ► to select **SETUP** menu. Use ▼ to highlight **Auto Tuning**. Press (OK).

SETUP	
Menu Language	**English**
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	▼

2 A screen will appear warning that previous programmes and settings will be deleted.
Press (OK) to continue with the **Auto Tuning**.

The television will start to search for all available ATV and DTV stations.

You must allow the television to complete the search.

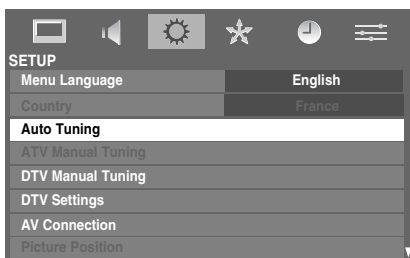When the search is complete the **Auto Tuning** screen will display the services found.

3 Use ▼ or ▲ to move through the list to select a programme then press (OK) to view.

Auto Programme Update

If the **Auto Programme Update** is set to **On**, when the TV is in standby mode, the Digital Tuning is automatically executed and new programmes are memorized.

1 Press (MENU), and select **SETUP** menu.

2 Use ▼ to highlight **DTV Settings** and press (OK).

3 Press ▼ to select **Auto Programme Update** and use ◄ or ► to select **On**.

Analogue switch-off

This is a **digital** television which is integrated to allow the use of both **digital** and **analogue** services. However, during the lifetime of this set it is very likely that **analogue** services will be switched off to allow for more new **digital** services.
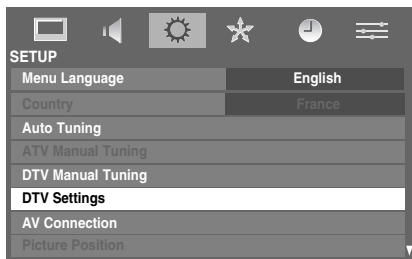
This 'switch-off' will happen in a number of phases, which will be advertised in your area well in advance. It is recommended that at each phase the television is re-tuned to ensure that existing and new **digital** services can be viewed without disruption.
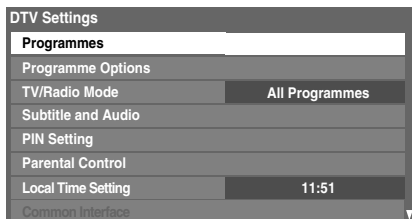
DTV Settings

Programmes

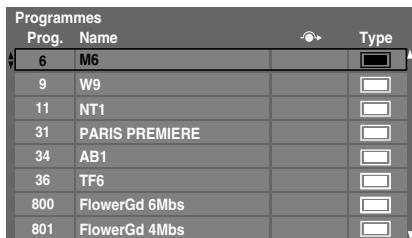The station order may be changed to suit your personal preference.

1 Press (MENU), and select **SETUP** menu.

2 Use ▼ to highlight **DTV Settings** and press (OK).

SETUP	
Menu Language	**English**
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	

3 Select **Programmes** from the **DTV Settings** menu and press (OK).

DTV Settings	
Programmes	
Programme Options	
TV/Radio Mode	**All Programmes**
Subtitle and Audio	
PIN Setting	
Parental Control	
Local Time Setting	**11:51**
Common Interface	

4 With the list of stations now showing use ▼ or ▲ to highlight the station you want to *move* and press (OK).

Programmes			
Prog.	Name	⤵	Type
6	M6		▣
9	W9		▣
11	NT1		▣
31	PARIS PREMIERE		▣
34	AB1		▣
36	TF6		▣
800	FlowerGd 6Mbs		▣
801	FlowerGd 4Mbs		▣

5 Use ▼ or ▲ to move through the list to your *preferred* position. As you do so the other stations will move to make room.

6 Press (OK) to store your move. Repeat as necessary, then press (EXIT).

The Skip setting for the highlighted programme can be switched between "Set/Not Set" by pressing the **RED** button on the remote control. This feature allows you to set channels that will be skipped when **P⌄** or **P⌃**. However, these channels will still be available by direct number entry (when tuned a ⤵ icon will be displayed in the banner to indicate as a skipped channel).

Programmes			
Prog.	Name	⤵	Type
805	Codec 16:9	⤵	▣
806	ITV1		▣
807	ITV3		▣
808	ITV2		▣
809	ITV4		▣
810	CITV	⤵	▣
811	Channel 4		▣
812	More 4		▣

Manual Tuning

This feature is available for service engineers or can be used for direct channel entry if the multiplex channel is known.

1 Select **DTV Manual Tuning** from the **SETUP** menu and press (OK).

2 Enter the multiplex number using the number buttons or use ◄ or ► to adjust the number up or down and then press (OK). The television will automatically search for that multiplex.

DTV Manual Tuning			
UHF Crystal Palace		◄ **32** ►	
Signal Strength Low ─── High		Quality	STRONG
0 New programmes - Total 23			
New	Prog.	Name	Type
	806	ITV1	▣
	807	ITV3	▣
	808	ITV2	▣
	809	ITV4	▣
	810	CITV	▣

When the multiplex is found any channels that are not currently on the programme list will be added and the programme information at the top of the screen will be updated.

3 Repeat as necessary. Press (EXIT) to finish.

English

15

ATV Manual Tuning

Tuning

The television can be tuned-in manually using **ATV Manual Tuning**. For example: if the television cannot be connected to a media recorder/decoder with a SCART lead or to tune-in a station on another **System**.

Use ◄ and ► to move across the screen and select any of the ATV Manual Tuning options. Then use ▲ or ▼ to adjust the settings.

ATV Manual Tuning
System: L
1 L S ●→ C 22 Q 0 V C R

1 2 3 4 5 6 7 8   9
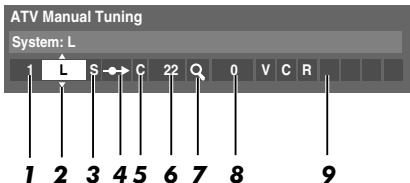
1 **Programme:**

The number to be pressed on the remote control to tune the programme.

2 **System:**

Specific to certain areas.

3 **Colour System:**

Factory set to Auto, should only be changed if problems are experienced, i.e. NTSC input from external source.

4 **Skip:**

●→ means nothing has been stored or the facility to skip the channel is ON. See page 17.

5 **Signal Class:**

The channel classification.

6 **Channel:**

The channel number on which a station is being broadcast.

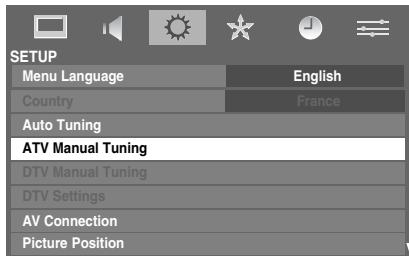*7* **Search:**

Search up and down for a signal.

8 **Fine Tuning:**

Only used if interference/weak signal is experienced. See page 41.

9 **Station:**

Station identification. Use the ▲ or ▼ and ◄ or ► buttons to enter up to seven characters.

To allocate a programme position on the television for a decoder and media recorder: turn the decoder on, insert a pre-recorded film in the media recorder and press PLAY, then manually tune.

---

1 Press (MENU) and using ◄ or ► select the **SETUP** menu. With ▼ highlight **ATV Manual Tuning** and press (OK) to select.

⬜ ◀ ☼ ✦ 🕐 ≡
SETUP	
Menu Language	English
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	▼

2 Use ▲ or ▼ to highlight the programme position required e.g. we suggest *Prog. 0* for a media recorder.

ATV Manual Tuning		
Prog.	Channel	Station
1	C2	
2	S10	
3	C7	
4	S40	
5	C22	
6	C25	
7	C28	
8	C30	

Different **Channel** numbers may be displayed.

3 Press (OK) to select. If the programme is skipped, **Skip** must be removed before storing.

ATV Manual Tuning
System: L
1 L A ●→ C 2 Q 0

4 Press ► to select **System** and use ▲ or ▼ to change if required.

5 Then press ► to select **Search**.

6 Press ▲ or ▼ to begin the search. The search symbol will flash.

ATV Manual Tuning
Search:
1 L A ●→ C 2 Q 0

16

7 Each signal will show on the television, if it is not your media recorder, press ▲ or ▼ again to restart the search.

8 When your media recorder signal is found, press ▶ to move along to **Station**. With ▲, ▼, ◀ and ▶ put in the required characters, *e.g.* **VCR**.

```
ATV Manual Tuning
Station: VCR
1   L   A ↔ C   2   🔍   0   V  C  R
```

9 Press (OK) to store.

10 Repeat for each *programme position* you want to tune or, press (MENU) to return to the list of channels and select the next number to tune.

11 Press (EXIT) when you have finished.

12 To name external equipment, *e.g.* DVD on EXT2, press ⊖ to select ⊖2, then select **Manual Settings** from the **SETUP** menu.

13 Press ▶ to select **Label** then using ▲, ▼, ◀ and ▶ put in the required characters.

```
Manual Settings
Label: DVD
EXT2   A   D   V   D
```
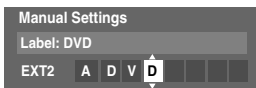
PLEASE NOTE

This television has direct channel entry if the channel numbers are known.
Select the **ATV Manual Tuning** screen in *Step 3*.
Enter the **Programme number**, the **System**, then **C** for standard (terrestrial) channels or **S** for cable channels and the **Channel** number. Press (OK) to store.

Programme skip

To prevent certain programmes from being viewed, the programme position can be skipped. The remote control must be removed as the channels will still be available using the number buttons. Programmes can then be watched as normal using the controls on the television, but the television will not show the skipped programme position.

1 Select **ATV Manual Tuning** from the **SETUP** menu.

ATV Manual Tuning		
Prog.	Channel	Station
1	C2	
2	S10	
3	C7	
4	S40	BBC1
5	C22	BBC1
6	C25	
7	C28	
8	C30	

2 Use ▲ or ▼ to highlight the programme position to be skipped and press (OK) to select.

3 Press ▶ to select **Skip**.

4 Use ▲ or ▼ to turn **Skip** on. Press (OK).

⟿ on the screen indicates a skipped programme position.

```
ATV Manual Tuning
Skip: On
1   L   A ⟿ C   2   🔍   0
```

5 Press (MENU) and repeat from *Step 2* or press (EXIT).

Each programme position has to be *individually* selected. To turn **Skip** off, repeat the procedure for each position.

Skipped programme positions *cannot* be selected by P∧ and P∨ or by the controls on the television, but *can* still be accessed by the number buttons on the remote control.

17

Sorting programme positions

Channels may be moved and stored to the programme position of your choice.

1 Select **ATV Manual Tuning** from the **SETUP** menu.

2 With the list of stations now showing use ▲ or ▼ to highlight the station you want to *move* and press ▶.

The selected station will be moved to the right of the screen.

ATV Manual Tuning		
Prog.	Channel	Station
2	S10	
3	C7	
4	S40	BBC1
5	C22	BBC1
1	◀ C2	
6	C25	
7	C28	
8	C30	

3 Use ▲ or ▼ to move through the list to your *preferred* position. As you do so the other stations will move to make room.

4 Press ◀ to store your move.

Repeat as necessary, then press (EXIT).

English

General controls

Selecting programme positions

To select a programme position use the numbered buttons on the remote control.

Programme positions can also be selected using **P∧** and **P∨**.

To revert to the previous programme position press ⇄ .

To display on-screen information *i.e.* programme position, input mode or stereo/mono signal, press [i+] . Press again to cancel.

The Time Display – **analogue** only

The time display facility allows the current (text service) time to be seen on the television screen.

Press ⊙/☰x whilst watching a normal television broadcast to see a time display from the broadcaster. It will remain on screen for about 5 seconds.

NOTE: This display may not be available in some cases.

Stereo and Bilingual transmissions

For ATV programmes

If stereo or dual language broadcasts are transmitted the word Stereo or Dual will appear on the screen each time programme positions are changed, disappearing after a few seconds. If the broadcast is not in stereo the word Mono will appear.

Stereo... Press ⊙I/II to select **Stereo** or **Mono**.

Bilingual... Bilingual transmissions are rare. If they are transmitted the word **Dual** will display. Choose the required programme number and if the word **Dual** appears press ⊙I/II to select **Dual 1**, **Dual 2** or **Mono**.

For DTV programmes

For stereo or dual mono broadcasts, press ⊙I/II and use ◄ or ► to select settings.

Mode Display	Pressing ►
⊙ Stereo	Stereo → Left → Right
●○ Dual mono	Dual 1 → Dual 2 → Dual
○ Mono	–
⊙ Surround	–

For multi-audio track broadcasts, press ⊙I/II repeatedly to change the audio language (see 'Audio language' on page 32).

Sound controls

Volume controls and mute sound
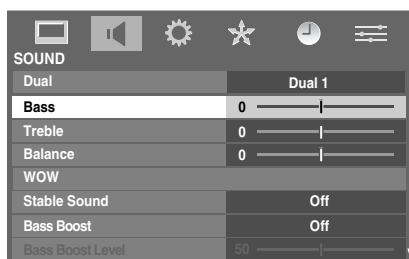
Volume
Press ⊴ or ⊲ to adjust the volume.

Sound Mute
Press ⊠ once to turn the sound off and again to cancel.

Bass, Treble and Balance

*The sound controls are accessible in **digital** and **analogue** modes.*

1 Press (MENU) and ◄ or ► to select **SOUND**.

2 Press ▼ to highlight **Bass**, **Treble** or **Balance** and ◄ or ► to change the setting.

Bass Boost

Bass Boost *enhances the depth of the sound on the TV speakers. The difference will only be noticeable on sound with a strong bass.*

1 In the **SOUND** menu press ▼ to highlight **Bass Boost**. Use ◄ or ► to select **On**.

2 Then press ▼ to highlight **Bass Boost Level** and using ◄ or ► adjust to suit your preference.



English

CONTROLS AND FEATURES

English

When an active Super Woofer is connected to the Woofer Out connection on the back of the television, select **AV Connection** in the **SETUP** menu, press ▼ to highlight **Woofer** and use ◄ or ► to select **External**. (See 'Input Selection and AV Connections' *section*).

SRS WOW® sound effects

SRS WOW® is a suite of audio effects which use the stereo signals being broadcast to produce enhanced sound from the television's speakers. If mono sound is broadcast FOCUS and TruBass will be available.

SRS 3D® gives a rich sound experience, SRS FOCUS® concentrates the sound and gives the effect of it coming from the centre of the television, SRS TruBass® enhances the lower bass frequencies.

1 Press (MENU) and select the **SOUND** menu.

2 Use ▲ or ▼ to highlight **WOW** then press (OK).

WOW		
SRS 3D	◄	Off ►
FOCUS		Off
TruBass		Off
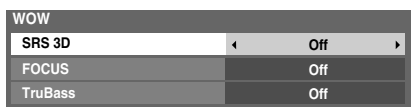
3 Press ▼ to highlight **SRS 3D** and using ◄ or ► select between **On** or **Off**.

4 Then press ▼ to highlight **FOCUS** and press ◄ or ► to select between **On** or **Off**.

5 Highlight **TruBass** and use ◄ or ► to select **Off**, **Low** or **High** to suit your preference.

Dual

*If a programme or film is being broadcast with a soundtrack in more than one language, the **DUAL** feature allows selection between them.*

1 Press (MENU) and select the **SOUND** menu.

2 Use ▼ to highlight **Dual** then press ◄ or ► to choose between **Dual 1** or **Dual 2**.
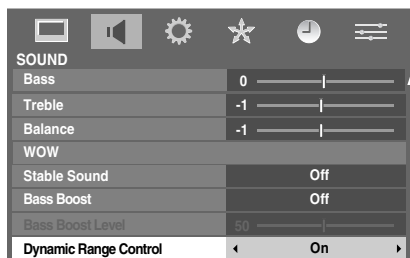
Stable Sound®

*The **Stable Sound** feature limits high volume levels on the TV speakers, preventing the extreme changes in volume that can occur when channels are changed or a programme switches to a commercial.*

1 Select the **SOUND** menu.

2 Use ▼ to highlight **Stable Sound** then press ◄ or ► to select **On** or **Off**.

Dynamic Range Control

This feature allows control of audio compression for some digital TV programmes except MPEG-1 and MPEG-2 audio.

1 Select the **SOUND** menu.

2 Use ▼ to highlight **Dynamic Range Control** then press ◄ or ► to select **On** or **Off**.

| SOUND		
Bass	0	▲
Treble	-1	
Balance	-1	
WOW		
Stable Sound		Off
Bass Boost		Off
Bass Boost Level	50	
Dynamic Range Control	◄	On ►

NOTE: If the **Stable Sound** and **Dynamic Range Control** features are both set to **On**, each effect may not be noticeable.

WOW, SRS and (●) symbol are trademarks of SRS Labs, Inc.
*WOW technology is incorporated under license from SRS Labs, Inc.*

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Widescreen viewing

Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats. Press ⊞ repeatedly to select between **Exact Scan, Native, Wide, Super Live 2, Cinema 2, 4:3, Super Live 1, Cinema 1, Subtitle** and **14:9**.
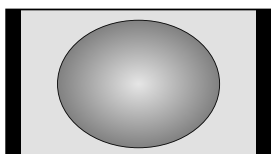
SUPER LIVE 1
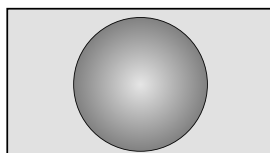
This setting will enlarge a 4:3 image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.
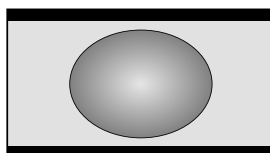
English
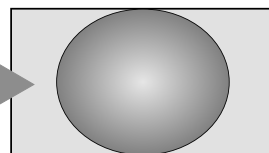
SUPER LIVE 2

If a 'side panel format' signal is being received this setting will enlarge the image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.
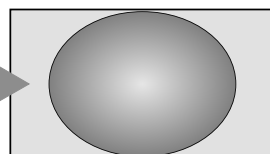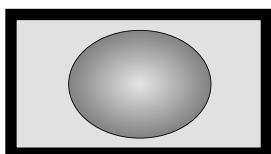
CINEMA 1

When watching 'letterbox format' films/video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.
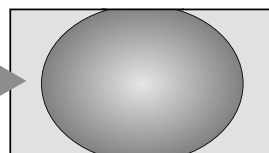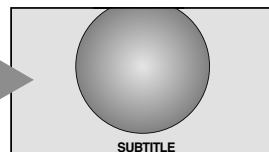
CINEMA 2

When watching 'all sides panel format' films/video tapes, this setting will eliminate or reduce the black bars at all sides of the screen by zooming in and selecting the image without distortion.
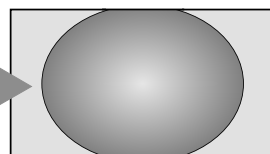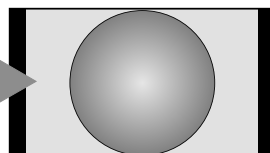
SUBTITLE

When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.

SUBTITLE

14:9

Use this setting when watching a 14:9 broadcast.

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WIDE

Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen.

4:3

Use this setting to view a true 4:3 broadcast.

EXACT SCAN

Use this setting when watching a 1080 source, it will display the image as transmitted without scaling or cropping the picture.
This option is only available when watching a 1080 source.
EXACT SCAN mode is for the XV515D series only.

NATIVE

When using a PC connected via HDMI this setting will show the picture without over scan, i.e. WYSIWYG.
This option is only available when watching video signal source via HDMI.

PC NORMAL

When using a PC connected via HDMI or PC terminal, this setting will show the picture without over scan, i.e. WYSIWYG.
This option is only available when watching PC signal source via HDMI or PC terminal.

PC WIDE

When using a PC connected via HDMI or PC terminal, this setting will show the picture without over scan and side panel.
This option is only available when watching PC signal source via HDMI or PC terminal.

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Press ⊞ to display the list of available widescreen formats. Use ▲ and ▼ to highlight the required format and (OK) to select.

AV format

Picture Size
Exact Scan
Native
Wide
Super Live 2
Cinema 2
4:3
Super Live 1
Cinema 1
Subtitle
14:9

PC format

Picture Size
PC Normal
PC Wide

Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

Picture controls

Most of the picture controls and functions are available in both **digital** and **analogue** modes. *PLEASE NOTE: features not available will be greyed out.*

Picture Position

The picture position may be adjusted to suit personal preference and can be particularly useful for external inputs.

1 In the **SETUP** menu press ▼ until **Picture Position** is highlighted.
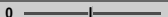
SETUP	
Menu Language	**English**
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	▼

2 Press (OK) to view the options available for the picture format that has been selected.

3 Press ▲ and ▼ to select an option, then ◄ or ► to adjust the settings.

The options alter depending on currently selected widescreen format and the input signal.

In **Cinema 2**:

Picture Position	
Horizontal Position	0
Vertical Position	0
Reset	

To return to the original factory settings select **Reset** in the **Picture Position** menu and press (OK).
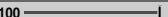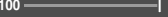
Backlight

*Adjusting the **Backlight** can improve the clarity of the screen when viewing.*

1 In the **PICTURE** menu press ▼ to select **Picture Settings**, then press (OK).

PICTURE	
Picture Settings	
Active Backlight Control	On
Auto Contrast	Off
3D Colour Management	Off
Base Colour Adjustment	
MPEG NR	Off
DNR	Low

2 In the **Picture Settings** menu press ▼ to select **Backlight**.

3 Press ◄ or ► to adjust.

Picture Settings	
Backlight	100
Contrast	100
Brightness	50
Colour	50
Tint	-1
Sharpness	-1
Black/White Level	High
Cinema Mode	On ▼

English

23

Picture preferences

This television offers the choice of personalising the picture style. Press →◢◣← to view the different styles available:

Dynamic, **Standard**, **Movie**, **Game*** *and* **PC**** *are preset options and affect many features/settings within the television. You can customise current picture mode settings as desired. For example, while selecting "***Dynamic***," if you change the following items, such as* **Backlight**, **Contrast**, **Brightness**, **Colour**, **Tint**, **Sharpness**, **Black/White Level**, **Cinema Mode** *and* **Colour Temperature**, *your new setting is stored as* "***User Setting***."

* **Game** mode is available in external input mode (other than aerial input). When you select Game mode, suitable widescreen formats will be selected.

** **PC** mode is available in RGB/PC input mode or HDMI input mode.

1 Select **Picture Settings** from the **PICTURE** menu.

Picture Settings	
Backlight	100
Contrast	100
Brightness	50
Colour	50
Tint	-1
Sharpness	-1
Black/White Level	High
Cinema Mode	On

2 Use ◀ or ▶ to adjust the **Contrast**, **Brightness**, **Colour**, **Tint** and **Sharpness**.

Black/White Level

Black/White Level *increases the strength of dark areas of the picture which improves the definition.*

1 In the **Picture Settings** menu press ▼ until **Black/White Level** is highlighted.

Picture Settings	
Backlight	100
Contrast	100
Brightness	50
Colour	50
Tint	-1
Sharpness	-1
Black/White Level	◀ High ▶
Cinema Mode	On

2 Press ◀ or ▶ to select **Low**, **Middle**, **High** or **Off**. The effect depends on the broadcast and is most noticeable on dark colours.

Cinema Mode

If there are lines or jagged edges in the film or programme being viewed, selecting **Cinema Mode** *can help correct this by smoothing out the picture.*

1 In the **Picture Settings** menu press ▼ to select **Cinema Mode**.

2 Press ◀ or ▶ to select **On** or **Off**.

NOTE: When a DVD with subtitles is being played this mode may not work correctly.

Colour Temperature

Colour Temperature *increases the 'warmth' or 'coolness' of the picture by increasing the red or blue tint.*

1 In the **Picture Settings** menu press ▼ until **Colour Temperature** is highlighted and press (OK).

2 Press ◀ or ▶ to select **Cool, Natural** or **Warm** to suit your preference.

Picture Settings	
Contrast	100 ▲
Brightness	50
Colour	50
Tint	-1
Sharpness	-1
Black/White Level	High
Cinema Mode	On
Colour Temperature	◀ Cool ▶

3D Colour Management

*When **3D Colour Management** is set to **On** it allows the 'Base Colour Adjustment' feature to become available.*

1 In the **PICTURE** menu press ▼ to select **3D Colour Management**.

PICTURE		
Picture Settings		
Active Backlight Control		On
Auto Contrast		Off
3D Colour Management	◄ On ►	
Base Colour Adjustment		
MPEG NR		Off
DNR		Low
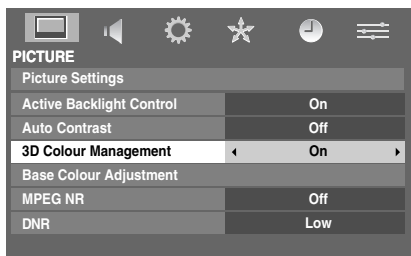
2 Press ◄ or ► to select **On** or **Off**.

Base Colour Adjustment

*The **Base Colour Adjustment** feature allows the adjustment of individual colours to suit personal preference. This can be useful when using an external source.*

1 In the **PICTURE** menu press ▼ to select **Base Colour Adjustment**, then press (OK).

2 Press ▲ or ▼ to select an option, then ► to move to the adjustment window.

Base Colour Adjustment	Hue	Saturation	Brightness	
■ Red	-1	-1	-1	►
□ Green	-1	-1	-1	
□ Blue	-1	-1	-1	
□ Yellow	-1	-1	-1	
□ Magenta	-1	-1	-1	
□ Cyan	-1	-1	-1	
Reset				
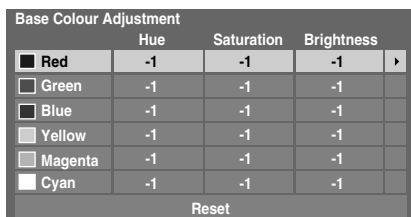
3 Press ◄ or ► to select **Hue**, **Saturation** or **Brightness**, then press ▲ or ▼ to adjust the settings as required.

	Hue	Saturation	Brightness
□ Red	-1	-1	-1
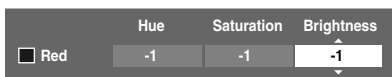
To return to the original factory settings select **Reset** and press (OK).

Active Backlight Control

*When **Active Backlight Control** is activated it will automatically optimise the backlighting levels for dark scenes.*

1 In the **PICTURE** menu press ▼ to select **Active Backlight Control**.

PICTURE		
Picture Settings		
Active Backlight Control	◄ On ►	
Auto Contrast		Off
3D Colour Management		On
Base Colour Adjustment		
MPEG NR		Off
DNR		Low
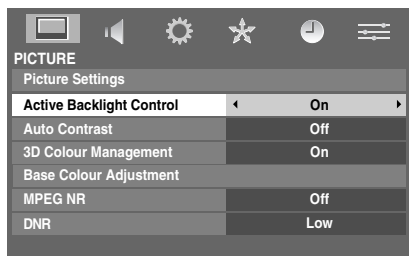
2 Press ◄ or ► to select **On** or **Off**.

Auto Contrast

*When **Auto Contrast** is activated it will automatically optimise the backlighting levels to suit ambient light conditions.*

1 In the **PICTURE** menu press ▼ to select **Auto Contrast**.

2 Press ◄ or ► to select **On** or **Off**.

MPEG NR – Noise Reduction

*When watching a DVD the compression may cause some words or picture elements to become distorted or pixelated.
Using the **MPEG NR** feature reduces this effect by smoothing out the edges.*

1 Select **MPEG NR** from the **PICTURE** menu. Use ◄ or ► to select **Low**, **Middle**, **High** or **Off** to suit your preference.

DNR – Digital Noise Reduction

***DNR** enables you to 'soften' the screen representation of a weak signal to reduce the noise effect.*

1 Select **DNR** from the **PICTURE** menu.

2 Use ◄ or ► to select **Low**, **Middle**, **High**, **Auto** or **Off**. The differences may not always be noticeable (for the best result use lower settings as picture quality can be lost if the setting is too high).

English

Automatic Format (Widescreen)

When this television receives a true Widescreen picture and **Auto format** *is* **On***, it will automatically be displayed in Widescreen format, irrespective of the television's previous setting.*

1 Press (MENU) and ◀ or ▶ to select the **FUNCTION** menu.

```
┌──────────────────────────────────────────────┐
│  🖵    ◀    ☼    ★    ⏺    ☰                   │
│  FUNCTION                                      │
│  Teletext              Auto                    │
│  Panel Lock            Off                     │
│  Auto Format        ◀  On  ▶                   │
│  4:3 Stretch           Off                     │
│  Blue Screen           On                      │
│  Side Panel            3                        │
│                                                │
└──────────────────────────────────────────────┘
```
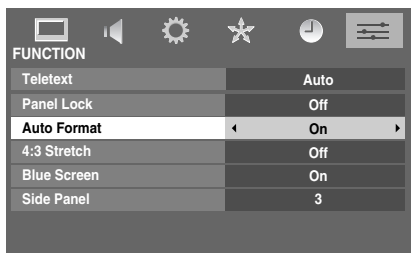
2 Press ▼ to highlight **Auto Format**, then ◀ or ▶ to select **On** or **Off**.

4:3 Stretch

When **4:3 Stretch** *is activated the size switching system changes 4:3 programs into a full screen picture.*

1 In the **FUNCTION** menu press ▼ to highlight **4:3 Stretch**.

2 Press ◀ or ▶ to select **On** or **Off**.

Blue Screen

When **Blue Screen** *is selected the screen will turn blue and the sound will be muted on analogues programmes and external input modes (except PC) when no signal is received.*

1 In the **FUNCTION** menu press ▼ to highlight **Blue Screen**.

2 Press ◀ or ▶ to select **On** or **Off**.

Side panel adjustment

The **Side Panel** *feature lightens or darkens the band on each side of the screen when in 4:3 or 14:9 format. This helps prevent image retention of the band and can also make viewing in bright or dark conditions more comfortable.*

1 In the **FUNCTION** menu press ▼ until **Side Panel** is highlighted.

2 Press ◀ or ▶ to adjust.

Picture still

This feature is used to hold a still image on the screen.

Press 🔽 to hold an image on the screen, press 🔽 again to cancel.

Panel lock

Panel lock disables the buttons on the television. All buttons on the remote control can still be used.

1 From the **FUNCTION** menu select **Panel Lock** and choose **On** or **Off** using ◀ or ▶.

```
┌──────────────────────────────────────────────┐
│  🖵    ◀    ☼    ★    ⏺    ☰                   │
│  FUNCTION                                      │
│  Teletext              Auto                    │
│  Panel Lock         ◀  Off  ▶                  │
│  Auto Format           On                      │
│  4:3 Stretch           Off                     │
│  Blue Screen           On                      │
│  Side Panel            3                        │
│                                                │
└──────────────────────────────────────────────┘
```
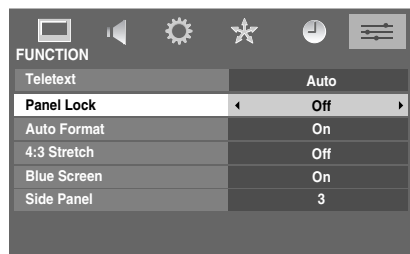
When **Panel Lock** is **On**, a reminder will appear when the buttons on the television are pressed. **If the standby button is pressed the television will switch off and can only be brought out of standby by using the remote control.**

26

The timers

Programme Timers – **digital** only

This feature will set the television to go to a specific channel at a certain time. It can be used to view a particular programme, or by setting the mode to daily or weekly, can be used to view a series of programmes.

1 Press (MENU) and ◄ or ► to select the **TIMERS** menu.

TIMERS

Programme Timers
Sleep Timer   00:00
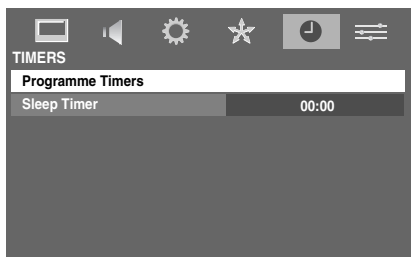
2 Press ▼ to select **Programme Timers**, then press (OK).

3 Press ▼ if necessary to select an open timer position, then press (OK). The **SET TIMER** menu will now appear on screen.

4 Press ▲ and ▼ to go through the list adding the details of the programme by using the number buttons and ◄ and ► to make selections.

SET TIMER	18:23 Tue, 6 Dec
Programme	◄ 6 M6 ►
Date	Tue, 06 Dec
Start Time	18:46
End Time	18:46
Repeat	Once
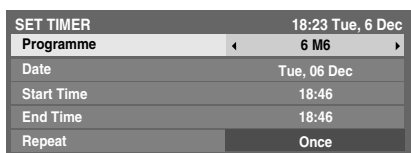
5 When all the details have been entered press (OK) to save the timer.

The ORANGE/RED programme timer indicator on the front of the television will be lit (see page 43 for details).

PLEASE NOTE: When a timed programme is about to start, an information screen will appear offering the option of watching or cancelling the programme. The menus and other channels will not be available during the timed programme unless the programme timer is cancelled. The programme timer you set is not performed when the TV is turned off with the ⏻/I POWER switch.

Sleep Timer

*The television can be set to turn itself **Off** after a certain length of time.*

1 Press (MENU) and ◄ or ► to select the **TIMERS** menu.

TIMERS

Programme Timers
Sleep Timer   ◄   00:00   ►

English
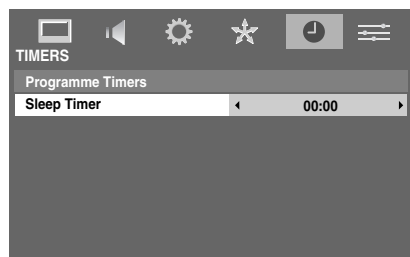
2 Press ▼ to select **Sleep Timer**. Use the number buttons to set the required time. For example, to switch the television off in one and a half hours enter 01:30, or press ►/◄ to increase/decrease in steps of 10 minutes.

3 Press (EXIT) to finish.

4 To cancel the **Sleep Timer**, enter zero in the above setting.

Digital on-screen information and Programme Guide

When viewing in **digital** mode, the on-screen information and programme guide give access to programme details for all available channels.

Information

1 Press (i+) , the information screen will appear giving details of the programme and event currently being viewed.

```
┌────────────────────────────────────────────┐
│ ▭  4  CANAL+              ▂▃▅ 18:20 Tue, 6 Dec│
│ ◻ English                                    │
│                                              │
│      ┌─────────────────────────────────────┐│
│      │ Now  City Hospital    18:00 - 18:35  ││
│      │ SD 16:9 ▤ ▭ ◁◁     ▦ News  15 min left││
│      │                                       ││
│      │                                       ││
│      │ Next                   18:35- 18:57  ││
│      │ Also                                  ││
│      └─────────────────────────────────────┘│
└────────────────────────────────────────────┘
```
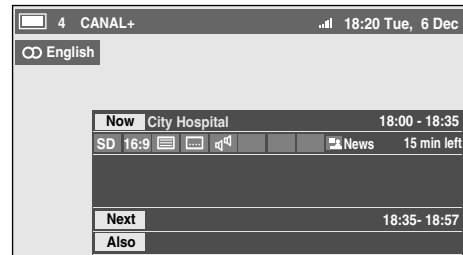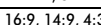
2 Press ▲ or ▼ to select the "**Now**", "**Next**" or "**Also**" information guide.

3 To record the following programme, select "**Next**" and, press (OK). The **SET TIMER** screen will appear.

```
┌────────────────────────────────────────────┐
│ SET TIMER                     18:25 Tue, 6 Dec│
│ Tue, 06 Dec 18:35-18:57                       │
│ 4 CANAL+                                      │
│ Le JT de Canal+                               │
│ Start Time            ◄      18:35      ►     │
│ End Time                     18:57            │
│ Repeat                       Once            │
└────────────────────────────────────────────┘
```

4 The details of the programme will have been added to the timer. Press (OK) to save.

5 Press ▼ to select **Also**. Details of programmes that have started on other channels will be provided. Use ◄ or ► to change the display contents.

On-screen Information icons

	Icon	Description
Service info	▬ ▬▪▪	Service type (TV, Radio)
	⤙●⤚	Skip
Audio info	◯	Mono
	◯◯	Stereo
	●◯	Dual mono
	◯◯⃛	Surround
Audio/Subtitle info	♫	Hard of Hearing
Event info	HD, SD	Video format (HD, SD)
	16:9, 14:9, 4:3	Video Aspect
	▤	Teletext
	▥▥▥ ▥▥▥∙	Subtitle (Single, Multi)
	◁◁	Multi-audio track
	0, 4 – 18	Parental rating
	⟦∿⟧	Encrypted

English

Guide

1 Select the on-screen guide by pressing **GUIDE**, the guide screen will appear highlighting details of the programme and event currently being viewed. This may take a few moments to appear.

◄◄ Thu **6** • Fri 7 • Sat 8 • Sun 9 • Mon10 • Tue 1 • Wed12 • Thu13 ►►			18:24 Thu, 6 Dec		
All Programmes	◄◄ 18:00	18:30	19:00	19:30	20:00 ►►
6 M6	LES SIM...	LES SIM...		TOP MODEL	
9 W9	LES SIMPSON	SUMMERLAND	SUMMERLAND		LES SIM...
11 NT1	Nicky La...	Street fight...	Dragon B...	Dragon B...	K 2000
31 PARIS PREMIERE	MA SORCIE...		HAPPY DAYS	HAPPY DAYS	
34 AB1	Evamag	21 jump street	Jerry Springer Show	City guys	L...
800 FlowerGd 6Mbs					
801 FlowerGd 4Mbs					
802 FlowerGd 2Mbs					
804 Codec 4:3					
806 ITV1					
807 ITV3					
808 ITV2					
809 ITV4					

You can switch the time scale to 1.25 or 2.5 hours by pressing the **RED** button.

NOTE: Only programmes selected by the TV/Radio Mode are displayed. Skipped programmes are not displayed.

2 Press ◄ or ► for information on other events scheduled for the programme selected.

3 For details of other programmes currently available, press ▲ and ▼ to scroll up and down the programme list. As programmes are selected details of the programme currently being broadcast will appear. Press ◄ or ► to view information for future events.

4 For information on a highlighted event press ⓘ＋.

NOTE: In order for the recording operation to work properly, the media recorder must be set to the same time as the TV. Regarding the process for recording, please refer to the owner's manual of the recording equipment.

5 Press ►►I to move the **Guide** forward by 24 hours, press I◄◄ to go back. Pressing ►► or ◄◄ will move the **Guide** forwards or backwards a page at a time.

Press P∨ to advance to the next page, press P∧ to go back to the previous page.

Genre selection/searching

From the guide screen, you can use the genre selection and search features.

1 Press the **YELLOW** button from the guide screen. The **Genre Colour Setup** window will appear.

```
Genre Colour Setup
Movies
[icons row 1]   [icons row 2]
●●●● Colour Setup   Menu   Back
```
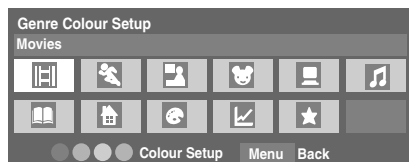
2 With the focus on a particular genre, press the desired colour key to assign. Four colours will be available to set. Press (MENU) to go back to the guide screen.

3 Press the **GREEN** button to access the **Genre Search** screen.

Genre Search		18:26 Tue, 6 Dec
Movies	► ◄ ▤ ♡ ▣ ♫ ▥ ▤ ◉ ▨ ★	
34 AB1	Hard Rain	Wed,27 Apr 0:15- 1:45
31 PARIS PREMIERE	Red Corner	Wed,27 Apr 22:15- 23:55
11 NT1	The Lawnmower Man	Thu,28 Apr 1:20- 3:00
9 W9	A Vow to Kill	Fri,29 Apr 1:30- 3:00
34 AB1	Parenthood	Sat,30 Apr 0:45- 2:40
11 NT1	Body and Soul	Sat,30 Apr 1:15- 3:00
31 PARIS PREMIERE	The Nun's Story	Sat,30 Apr 15:00- 17:30
9 W9	Red Corner	Sat,30 Apr 23:20- 1:15
11 NT1	The Real Blonde	Sun,1 May 0:40- 2:00
31 PARIS PREMIERE	Critters	Sun,1 May 0:40- 2:20
11 NT1	Indiana Jones and the Temple of Doom	Sun,1 May 21:10- 23:20
11 NT1	The jackal	Sun,1 May 23:20- 1:15
34 AB	Coup De Ville	Mon,1 May 1:10- 3:00

4 Press ◄ or ► to select the genre. Events listed will change for the new genre. Press ▲ or ▼ to highlight a particular event.

5 When a current event is selected, pressing (OK) will tune to that event. When a future event is selected, pressing (OK) will open the **SET TIMER** menu.

6 For information on a highlighted event press ⓘ＋.

7 To exit the **Genre Search** and go back to the guide screen, press the **GREEN** button.

English

29

Digital settings – parental control

In order to prevent viewing of unsuitable films and programmes, channels and menus can be locked. These can then only be accessed with a security code PIN when in **digital** mode.

English

Setting the PIN

1 Press (MENU) and ▶ to select the **SETUP** menu.

2 Use ▼ to select **DTV Settings** then press (OK).

▭	◀	☼	★	◷	≡

SETUP

Menu Language	**English**
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	▼
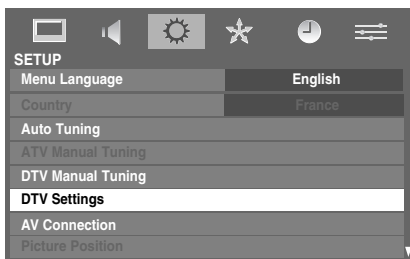
3 Press ▼ to highlight **PIN Setting** then press (OK).

DTV Settings

Programmes	
Programme Options	
TV/Radio Mode	**All Programmes**
Subtitle and Audio	
PIN Setting	
Parental Control	
Local Time Setting	**18:28**
Common Interface	▼
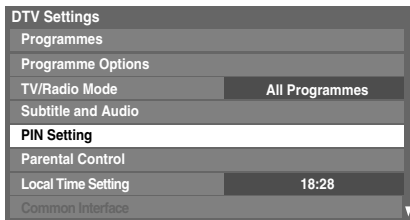
4 Using the number buttons enter a four digit number. Once entered you will be prompted to confirm by entering again.

PIN Setting

Enter PIN Code:	✱	✱	✱	✱
Confirm PIN Code:				
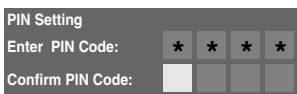
The PIN number is now set.

If the PIN code has been set, when **Auto Tune** and **Reset TV** are executed, entering the PIN will be necessary.

Parental Setup

The Parental Control feature allows you to block programmes according to their rating levels. If a PIN has been set, you will need to enter it before adjusting the level.

1 In the **Parental Control** menu press ▼ to select **Parental Setup**.

Parental Control

Parental Setup	◀	**None**	▶

2 Use ◀ or ▶ to choose options (**None** or age settings (4-18)).

To view blocked programmes, enter the PIN. To reactivate the Parental Control, turn the TV off and then on again.

30

Digital settings – Programme Options

Selecting favourite programmes

Favourite Programmes *creates a list of the **digital** programmes that are watched most. Four lists can be created, these can be a mixture of television and radio programmes.*

1 From the **DTV Settings** menu press ▼ to select **Programme Options** and press ⓞⓚ.

Programme Options								
Prog.	Type	Name	Fav.	1	2	3	4	🔒
6	▭	M6		☐	☐	☐	☐	☐
9	▭	W9		☐	☐	☐	☐	☐
11	▭	NT1		☐	☐	☐	☐	☐
31	▭	PARIS PREMIERE		☐	☐	☐	☐	☐
34	▭	AB1		☐	☐	☐	☐	☐
36	▭	TF6		☐	☐	☐	☐	☐
800	▭	FlowerGd 6Mbs		☐	☐	☐	☐	☐
801	▭	FlowerGd 4Mbs		☐	☐	☐	☐	☐

2 Use ▲ ▼ ◀ ▶ to go through the list of programmes. Press ⓞⓚ to select the ones required. A tick will appear in the box as they are selected.

To select all programmes in the highlighted column, press the **RED** button. To erase all programmes in the highlighted column, press the **GREEN** button.

Favourite Programme Lists

1 Press the **TV/FAV RADIO** button. The **Programme Lists** will appear. Press ◀ or ▶ to select the TV/Radio Mode and Favourites 1-4. The number of favourites available depends on how many lists have been created.

Programme Lists	
◀	All Programmes	▶
6	M6
9	W9
11	NT1
31	PARIS PREMIERE
34	AB1
800	FlowerGd 6Mbs
801	FlowerGd 4Mbs
802	FlowerGd 2Mbs
804	Codec 4:3
806	ITV1

2 Press ▲ or ▼ to highlight a programme and press ⓞⓚ to watch.

Locking programmes

Locking Programmes *stops the viewing of **digital** channels, they can only be accessed by entering the PIN.*

1 From the **DTV Settings** menu press ▼ to select **Programme Options** and press ⓞⓚ.

2 Press ▶ repeatedly to select the Locked Programme list.

3 Use ▲ and ▼ to go through the list of programmes. Press ⓞⓚ to select the ones required. A tick will appear in the box.

If a PIN has already been set, PIN entry will be required to set the locked programmes.

Programme Options								
Prog.	Type	Name	Fav.	1	2	3	4	🔒
6	▭	M6		☐	☐	☐	☐	☑
9	▭	W9		☐	☐	☐	☐	☐
11	▭	NT1		☐	☐	☐	☐	☐
31	▭	PARIS PREMIERE		☐	☐	☐	☐	☐
34	▭	AB1		☐	☐	☐	☐	☐
36	▭	TF6		☐	☐	☐	☐	☐
800	▭	FlowerGd 6Mbs		☐	☐	☐	☐	☐
801	▭	FlowerGd 4Mbs		☐	☐	☐	☐	☐

4 Press ⓔⓧⓘⓣ.

5 From this point on, when any of the programmes in the **Locked Programme** list are selected the PIN must be entered before they can be accessed.

TV/Radio Mode

*This feature determines the programme list profile that will be applied to regular programme changing, the programme guide, and the **TV/FAV RADIO** button in digital mode.*

1 From the **DTV Settings** menu press ▲ or ▼ to select **TV/Radio Mode**.

2 Use ◀ or ▶ to select **All Programmes**, **TV** or **RADIO**.

NOTE: When setting to **TV** or **RADIO**, using the P˅ and P˄ button will now only access that particular type of programme, however channels that are not in the currently selected list can still be selected by direct programme number entry.

English

31

Digital settings – other settings

Subtitles

In digital mode, this feature will show subtitles on the screen in the selected language provided they are being broadcast.

1 In the **SETUP** menu press ▼ to select **DTV Settings**.

2 Press ⊙K, then press ▲ and ▼ to highlight **Subtitle and Audio**.

3 Press ▼ to select **Subtitle** and use ◄ or ► to select **On** or **Off**.

Subtitle and Audio		
Subtitle	◄ Off	►
Subtitle Type	Normal	
Primary Subtitle Language	French	
Secondary Subtitle Language	English	
Audio Type	Normal	
Primary Audio Language	French	
Secondary Audio Language	English	

4 Press ▼ to select **Subtitle Type** and use ◄ or ► to select **Normal** or **Hard of Hearing**.

5 Press ▼ to select **Primary Subtitle Language** or **Secondary Subtitle Language** and use ◄ or ► to select an option.

The **SUBTITLE** button can also be used to select **On** or **Off**, and to select subtitle language if more than one subtitle is available.

Audio languages

This feature allows a programme or film to be viewed with a choice of soundtrack language, provided they are currently being broadcast.

1 In the **Subtitle and Audio** menu press ▼ to select **Audio Type** and use ◄ or ► to select **Normal** or **Hard of Hearing**.

2 Press ▼ to select **Primary Audio Language** or **Secondary Audio Language** and use ◄ or ► to select an option.

If more than one soundtrack is available, use the ⊙I/II button to select between them.

Common Interface

The Common Interface Slot, situated on the side of the television, enables the insertion of a CAM (Conditional Access Module) and card. These are purchased from a service provider and allow additional subscription broadcasts to be viewed. For information see a service provider.

1 Insert the CAM and card into the Common Interface Slot, following the instructions provided with the CAM. A box will appear on screen to confirm that the CAM has been inserted.

2 In the **DTV Settings** menu press ▲ or ▼ to select **Common Interface** and press ⊙K.

3 Details of the CAM should now be available.

32

Software Upgrade

Version

This feature can be used to check the version of software currently installed.

1 From the **SETUP** menu press ▲ or ▼ to select **System Information**.

🖥	🔊	☼	✴	🕐	▤

SETUP

ATV Manual Tuning	▲
DTV Manual Tuning	
DTV Settings	
AV Connection	
Picture Position	
Quick Setup	
Software Upgrade	
System Information	▼
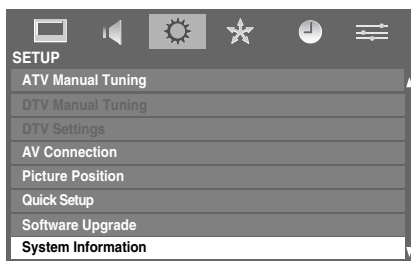
2 Press (OK) to display the **Software Version**.

System Information

| **Software Version** |
| XV515D |
| 1.1.32.0 |
| Feb 25 2008 - 01:06:35 |
| FW: 17 |
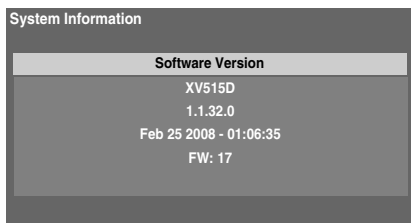
Auto Upgrade

*When **Auto Upgrade** is set to **On** (default setting), the television will automatically upgrade while in standby if new software is available.*

1 From the **SETUP** menu press ▲ or ▼ to select **Software Upgrade** and press (OK).

2 Press ▼ to select **Auto Upgrade**.

3 Use ◄ or ► to select **On** or **Off**.

Searching for New Software

*If preferred, software upgrades can be searched for manually using **Search for New Software**.*

1 In the **Software Upgrade** menu press ▲ or ▼ to select **Search for New Software**.

2 Press (OK). The television will automatically start searching for a software upgrade, the progress bar will move along the line.

SEARCHING FOR NEW SOFTWARE
Searching for a new software upgrade for this TV.
  Searching ▬▬▬▬▬▬▬▬▬▬▬▬▬

If an upgrade is found the television will automatically start downloading. If not, a screen will appear stating that an upgrade is unavailable.

Reset TV

*Selecting **Reset TV** will reset all TV settings, including stored channels, to their original factory values.*

1 In the **SETUP** menu press ▼ until **Reset TV** is highlighted.

🖥	🔊	☼	✴	🕐	▤

SETUP

DTV Manual Tuning	▲
DTV Settings	
AV Connection	
Picture Position	
Quick Setup	
Software Upgrade	
System Information	
Reset TV	
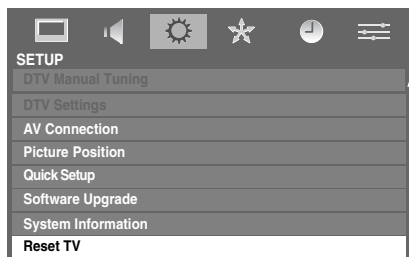
2 Press (OK) to select. A screen will appear warning that all settings will be lost. Press (OK) to continue.

When the set powers back on, the **Quick Setup** screen will appear. Press (OK) to continue, the television will then auto tune. (See 'Quick Setup' section on page 13.)

English

33

PC settings

Horizontal and Vertical Position

Connect the PC (as shown in the 'Connecting a PC' section) and ensure that a picture is showing on the television screen. The picture position may now be adjusted to suit personal preference.

1 Press ⊕ to select **PC**, then select **PC Settings** from the **SETUP** menu.

SETUP					
🖵	🔊	☼	✦	🕐	≡

Menu Language	English
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
PC Settings	

2 Press (OK). Press ▲ and ▼ to select an option, then ◄ or ► to adjust the settings.

PC Settings	
Horizontal Position	0
Vertical Position	0
Clock Phase	0
Sampling Clock	0
Reset	
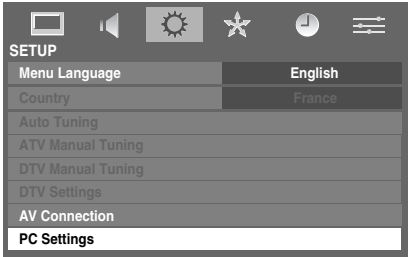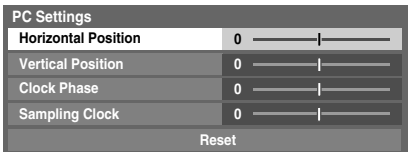
Clock Phase

*The **Clock Phase** matches the PC signal with the LCD display. Adjusting this can clear horizontal stripes and picture blur.*

1 In the **SETUP** menu press ▼ until **PC Settings** is highlighted.

2 Press (OK) to select, then ▼ to highlight **Clock Phase**.

3 Use ◄ or ► to adjust until the picture clears.

Sampling Clock

*Adjusting the **Sampling Clock** alters the number of pulses per scan, this will clear vertical lines on the screen.*

1 In the **SETUP** menu press ▼ until **PC Settings** is highlighted.

2 Press (OK) to select, then ▼ to highlight **Sampling Clock**.

3 Use ◄ or ► to adjust until the picture clears.

Reset

To return to the original factory settings.

1 In the **SETUP** menu press ▼ until **PC Settings** is highlighted.

2 Press (OK) to select, then ▼ to highlight **Reset**.

3 Press (OK).

NOTE: When a PC is connected using HDMI none of these functions will be available.

The screen is disrupted momentarily when adjusting the PC setting. This is not a sign of malfunction.

The default settings and adjustment ranges may vary depending on the input signal format.

Input selection and AV connections

See page 8 for a clear view of the back connection recommendations.

Most media recorders and decoders send a signal through the SCART lead to switch the television to the correct *Input* socket.

Alternatively press the external source selection button ⊕ until the picture from connected equipment is shown.

This button must be used to view equipment connected using the COMPONENT VIDEO INPUT (**EXT3**).

An **S** in the display *e.g.* ⊕**2S** (**EXT 2S**), indicates the input is set for an S-Video signal.

Input selection

Use the Input Selection window if the television does not switch over automatically.

1 At any time by pressing ⊕ a list will appear on screen showing all stored programmes and external equipment. Use ▲ and ▼ to highlight and (OK) to select.

Inputs
DTV
⊕ 1
⊕ 2
⊕ 3
HDMI1
HDMI2
HDMI3
PC
ATV

HDMI™ displays equipment connected to *Input HDMI* on the back or side of the television.

PC displays a computer connected to *Input RGB/PC* on the back of the television.

INPUT signal selection

*This specifies the type of signal going into SCART 2 (**EXT2**) on the back of the television. Please refer to the manufacturers instructions for the connected equipment.*

1 In the **SETUP** menu press ▼ until **AV Connection** is highlighted, then press (OK).

SETUP	
Menu Language	**English**
Country	France
Auto Tuning	
ATV Manual Tuning	
DTV Manual Tuning	
DTV Settings	
AV Connection	
PC Settings	▼

2 With ◄ or ► select either **AV** or **S-VIDEO** as the required *input* for **EXT2**.

AV Connection	
PC/HDMI1 Audio	**PC**
HDMI1 Audio	Digital
Lip Sync	Off
EXT2 Input	◄ **AV** ►
Woofer	**Internal**
Digital Output	**Auto**

If video colour is absent, try the alternative setting.

English

35

PC Audio

In order to receive sound from a connected PC, plug the audio cable into the back of the television (as shown in 'Connecting a computer' section), then use the **PC/HDMI1 Audio** *setting.*

1 In the **SETUP** menu press ▼ until **AV Connection** is highlighted, then press (OK).

2 Highlight **PC**/**HDMI1 Audio** then use ▶ to select the **PC** option.

AV Connection		
PC/HDMI1 Audio	◄ PC	▶
HDMI1 Audio	Digital	
Lip Sync	Off	
EXT2 Input	AV	
Woofer	Internal	
Digital Output	PCM	

NOTE: Selecting the **PC** option will force HDMI1 Audio to Digital mode.

HDMI1 Audio

If the connected HDMI source does not support digital audio, plug the audio cable into **PC/HDMI1 (AUDIO)** *on the back of the television (as shown in the 'Connecting an HDMI™ or DVI device to the HDMI input' section), then use the* **HDMI1 Audio** *setting.*

1 In the **AV Connection** menu press ▼ to highlight **PC/HDMI1 Audio** and using ▶ select **HDMI1**.

2 Then highlight **HDMI1 Audio** and using ◄ or ▶ select **Auto** or **Analogue**.

AV Connection		
PC/HDMI1 Audio	HDMI1	
HDMI1 Audio	◄ Auto	▶
Lip Sync	Off	
EXT2 Input	AV	
Woofer	Internal	
Digital Output	PCM	

If the sound is missing select an alternative setting.

NOTE: HDMI1 supports digital and analogue sound, HDMI2 and HDMI3 are digital sound only.

Certain DVD disk formats may not output from this TV (32/44.1/48kHz and 16/20/24 bits are acceptable).

Lip Sync Latency

Lip Sync *can synchronize the sound and picture. This feature is only available for HDMI equipment compatible with Lip Sync.*

NOTE: Disconnect the HDMI cable before changing the **Lip Sync** setting. If the HDMI cable is connected, a message will appear.

1 Select the appropriate HDMI input from the input selection window.

2 In the **AV Connection** menu press ▼ to highlight **Lip Sync**.

3 Using ◄ or ▶ select **On** or **Off**.

Digital Output

When connecting a surround sound amplifier to the digital audio output (Sony/Philips Digital Interface Format [S/PDIF]), the following options can be selected.

PCM: *this mode outputs PCM format to the digital audio output socket.*
Auto: *this mode outputs audio format (eg. Dolby Digital and Dolby Digital Plus) to the digital audio output socket providing it is being broadcast.*

1 In the **AV Connection** menu press ▼ to select **Digital Output**.

2 Use ◄ or ▶ to select **PCM** or **Auto**.

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

36

Using REGZA-LINK

This is a new feature that uses CEC technology and allows you to control Toshiba REGZA-LINK compatible devices from the television remote control via HDMI connection (page 10).

When the **Enable REGZA-LINK** item in the **REGZA-LINK** menu is set to **On**, individual functions also set to **On** will be activated.

Enable REGZA-LINK

1 Press (MENU) and ◄ or ► to select the **REGZA-LINK** menu.

2 Press ▼ to highlight **Enable REGZA-LINK**, then ◄ or ► to select **On**.

REGZA-LINK	
Enable REGZA-LINK	◄ On ►
TV Auto Power On	On
Auto Standby	On
Amplifier Control	On
Speaker Preference	TV Speakers
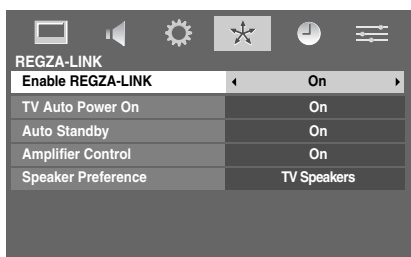
NOTE: If you set **Enable REGZA-LINK** to **Off**, all other items will be greyed out.

TV Auto Power On

The **TV Auto Power On** *setting allows the television to be automatically switched on if a REGZA-LINK device is turned on.*

1 In the **REGZA-LINK** menu press ▼ to highlight **TV Auto Power On**.

2 Press ◄ or ► to select **On** or **Off**.

Auto Standby

If **Auto Standby** *is enabled, the television, when switched off, will automatically switch off (standby mode) all connected REGZA-LINK equipment.*

1 In the **REGZA-LINK** menu press ▼ to highlight **Auto Standby**.

2 Press ◄ or ► to select **On** or **Off**.

Amplifier Control

When **Amplifier Control** *is set to* **On***, it allows the "Speaker Preference" feature to become available.*

1 In the **REGZA-LINK** menu press ▼ to highlight **Amplifier Control**.

2 Press ◄ or ► to select **On** or **Off**.

Speaker Preference

This feature allows the audio output preference to be set to the TV speakers or AV amplifier speakers. The AV Amplifier option lets the television's remote control adjust or mute the volume of the external audio.

1 In the **REGZA-LINK** menu press ▼ to highlight **Speaker Preference**.

2 Press ◄ or ► to select **TV Speakers** or **Amplifier**.

REGZA-LINK input source selection

If a REGZA-LINK device with HDMI switching capability (*e.g.* AV amplifier) is connected to the HDMI input, you can select another REGZA-LINK device that is connected to the master HDMI device from the input source list.

1 Press ⊕ and a list will appear on screen showing modes and all stored external equipment.

2 Press ▼ to select the desired input source with a REGZA-LINK icon.

3 Press ► and a second selection screen will appear showing all connected REGZA-LINK equipment.

Inputs			1	DVD
DTV			2	VCR/DVR
⊕ 1			3	CBL/SAT
⊕ 2			4	GAME/TV
⊕ 3C			5	AUX
HDMI1				
HDMI2				
HDMI3	REGZA-LINK	►		
PC				
ATV				
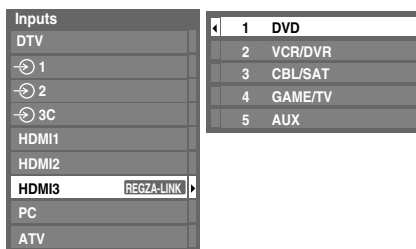
4 Press ▲ or ▼ to select the desired input source, and then press (OK).

English

NOTE:
• These functions depend on the device connected.
• If you select the REGZA-LINK input source from the popup window, some REGZA-LINK devices may automatically turn on.
• When the television is switched on it will take a few minutes for the REGZA-LINK icon to appear in the list, when an HDMI cable is removed it will take a few minutes for the icon to disappear.
• If the HDMI cable from connected equipment is changed **Enable REGZA-LINK** in the REGZA-LINK setup menu may need to be reset to **On**.
• If you change HDMI leads to connected devices or HDMI device settings, reset the **Enable REGZA-LINK** item in the REGZA-LINK setup menu from **Off** to **On**.

REGZA-LINK playback device control

With REGZA-LINK mode on your televisions remote control, you can control the connected REGZA-LINK playback device you are watching.

To control the REGZA-LINK input source first select the equipment with REGZA-LINK input source selection, then switch the mode on the remote control to **REGZA-LINK** and press any button.

Device mode switch

See page 6 for details on available remote control key functions.

NOTE: The available functions depend on the equipment connected. Not all the remote control keys may be available. Please refer to the operation manual for each piece of equipment connected.

REGZA-LINK one touch play

When connected equipment is switched on REGZA-LINK will automatically switch the television input to the appropriate HDMI input. Also, if the television is in standby it will be switched on automatically.

These functions can be enabled or disabled from the REGZA-LINK setup (see page 37).

NOTE:
• Even if the equipment is showing a menu the television may automatically switch to the input source.
• This feature depends on the connected equipment and television state.

REGZA-LINK system standby

If the television is turned off (standby mode), the television will send a message to turn off (standby mode) all of the REGZA-LINK devices connected to the television.

This function can be enabled or disabled from the REGZA-LINK setup (see page 37).

NOTE: This feature depends on the connected equipment and television state.

REGZA-LINK system audio control

With your television's remote control, you can adjust or mute the sound volume of the speakers connected to the television via an AV amplifier. First, set the remote control mode switch to REGZA-LINK.

1 Set the **Speaker Preference** to **Amplifier** in the **REGZA-LINK** menu.

2 Confirm that a connected REGZA-LINK device (such as DVD player, etc) is selected for the AV amplifier input source.

NOTE:
• These functions depend on the device connected.
• When you turn on the AV amplifier, change its input source, or adjust the sound volume, the sound will be output from the AV amplifier's speakers even if **TV Speakers** has been selected. Turn the television off and on again to output the sound from the TV Speakers.
• This feature may not work if the AV amplifier is operated.

38

Text services

This television has a multi-page text memory, which takes a few moments to load. It offers two *Modes* of viewing text – **Auto** will display **Fastext**, if available. **List** will store your four favourite pages.

Selecting modes

*The text character set will be automatically chosen by the language setting in the **SETUP** menu.*

1 Select **Teletext** from the **FUNCTION** menu.

2 With ◄ or ► choose **Auto** or **List** then press (EXIT).

FUNCTION		
Teletext	◄	Auto ►
Panel Lock		Off
Auto Format		On
4:3 Stretch		Off
Blue Screen		On
Side Panel		3
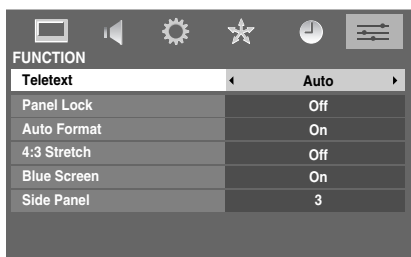
Text information

The TEXT button:

To view text services press **TEXT**. Press again to superimpose the text over a normal broadcast picture and again to return to normal viewing. Programmes cannot be changed until text is cancelled.

The first text page shown will be the *initial* page.

Any text page can be accessed by entering the 3 digit page number using the numbered buttons, pressing the coloured buttons or pressing **P∧** to advance to the next page and **P∨** to go back to the previous page.

Sub-pages

The pages on the screen will dynamically update as sub-pages are received.

To access the sub-pages selector press 🗐 then use **P∧** and **P∨** to view them.

Once selected, the sub-page you are viewing will be highlighted and, as the television loads any additional sub-pages, the colour of the numbers will change, indicating that these pages have been loaded.

These sub-pages will remain available to view until another page is chosen or, in normal TV mode, the channel is changed.

Navigating pages using Auto

If **Fastext** is available four coloured titles will appear at the base of the screen.

To access one of the four given subjects, press the relevant coloured button on the remote control.

For further information on your particular text system(s), see the broadcast text index page or, consult your local Toshiba dealer.

Navigating pages using List

The four coloured choices at the bottom of the screen are numbers – 100, 200, 300 and 400, which have been programmed into the television's memory. To view these pages press the relevant coloured buttons.

To change these stored pages press the relevant coloured button and enter the 3 digit number. This number will change in the top left of the screen and in the coloured highlight.

Press (OK) to store. **Whenever** (OK) **is pressed all four page numbers showing at the bottom will be stored and the previous ones will be lost.**

If (OK) is not pressed the selection will be forgotten when the programme is changed.

Other pages may be viewed by entering the 3 digit page number – but DO NOT press (OK) or these pages will be stored.

39

Control buttons

Below is a guide to the functions of the remote control text buttons.

☰i To display the index/initial page:

Press ☰i to access the index/initial page. The one displayed is dependant on the broadcaster.

TEXT To display a page of text:

Press **TEXT** to display text. Press again to superimpose text over a normal picture. Press again to return to normal television viewing. Programmes cannot be changed until this has been done.

☰⊙ To access sub-pages:

For use with **P∧** and **P∨** to view sub-pages when available.

☰? To reveal concealed text:

To discover the solutions on quiz and joke pages press the ☰? button.

☰⊠ To hold a wanted page:

At times it is convenient to hold a page of text. Press ☰⊠ and ☰⊠ will appear in the top left of the screen. The page will be held on screen until the button is pressed again.

☰⬍ To enlarge the text display size:

Press ☰⬍ once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to normal size.

⏱/☰⤬ To select a page whilst viewing normal picture:

Enter the page number then press ⏱/☰⤬, normal picture will be displayed. The television will indicate when the page is ready by changing the colour of the page number at the top of the screen. Press **TEXT** to view the page.

To display news flashes:
Select the news flash page for the chosen text service (see the index page of text service). The news flashes will be displayed as and when they are broadcast.

> 🄲 **Remember to cancel text before changing channels - press the TEXT button twice.**

English

Questions and Answers

Below are the answers to some of the most common queries.
For more information go to **www.toshiba.co.uk**

Q *Why is there no sound or picture?*

A Check the television is not in standby mode. Check the mains plug and all mains connections.

Q *There is a picture, but why is there little or no colour?*

A When using an **external** source, for instance, a poor quality video tape, if there is little or no colour, improvements may sometimes be achieved. The colour is factory set to **Auto** to automatically display the best colour system.

To check that you have the best colour:

1 With the external source playing, select **Manual Settings** from the **SETUP** menu.

```
Manual Settings
Colour System: Auto
EXT2   A
```
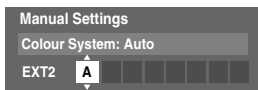
2 With ▲ or ▼ choose between **Auto**, **PAL**, **SECAM**, **NTSC 4.43** or **NTSC 3.58**.

Q *Why doesn't the video/DVD being played show on screen?*

A Make sure the VCR or DVD player is connected to the television as shown on page 8, then select the correct input by pressing ⊖.

Q *Why is there a picture but no sound?*

A Check all lead connections.
No sound or unacceptable format sound may be received.
Check the volume has not been turned down or that sound mute has not been selected.

Q *Why is the VCR/DVD picture in black and white?*

A Check the correct *input* has been chosen, **S-VIDEO** or **AV**. See **AV Connections** on page 35.

Q *What else can cause a poor picture?*

A Interference or a weak signal. Try a different television station. **Fine Tuning** may help.

1 Select the **ATV Manual Tuning** menu. Highlight the station and press (OK), then press ▶ to select **Fine Tuning**.

2 Using ▲ or ▼ adjust to get the best picture and sound. Press (OK) and then (EXIT).

```
ATV Manual Tuning
Fine Tuning: 0
1   L   P ⊷ C   9   Q   0
```

Q *Why don't the controls of the television work?*

A Check that **Panel Lock** is not **On**.

Q *Why doesn't the remote control work?*

A Check that the mode switch on the remote control is in TV mode.
Check that the batteries aren't dead or inserted incorrectly.

Q *Why is there a message permanently on the screen?*

A Remove it by pressing (i+).

Q *Why is the* digital *channel locked?*

A The channel has been selected in **Locked Programmes** (*see* 'Digital Settings' *section*).

Q *Why can only certain* digital *channels be viewed?*

A A **Favourite** list has been selected (see '*Favourite Programmes*' section), set the feature to **All Programmes** or change channels by using the number buttons.

English

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Q *Why are some of the* **digital** *subscription channels unavailable?*

A Your subscription needs upgrading. Contact your service provider.

Q *Why is the soundtrack in English when a different audio language has been selected?*

A The programme is currently being broadcast with an English soundtrack only.

Q *Why is there incorrect or no sound when in* DTV *mode?*

A Press ⊙I/II to ensure the hard of hearing option has not been selected.

Q *What can be done if the PIN number has been forgotten?*

A Use the Master PIN code of 1276, then change to a number of your choice. Ensure that no-one else can use the Master PIN by removing the Owner's Manual.

Q *Why are there vertical stripes on the screen when in PC mode?*

A The **Sampling Clock** may need adjustment. Select **PC Settings** from the **SETUP** menu, highlight **Sampling Clock** and adjust until the lines clear.

Q *Why are there horizontal stripes and/or blurred images on the screen when in PC mode?*

A The **Clock Phase** may need adjustment. Select **PC Settings** from the **SETUP** menu, highlight **Clock Phase** and adjust until the picture clears.

Q *Why when* **digital** *subtitles have been selected are they not showing on screen?*

A Subtitles are not currently being transmitted by the broadcaster.

Q *Why are there problems with analogue text?*

A Good performance of text depends on a good strong broadcast signal. This normally requires a roof or loft aerial. If the text is unreadable or garbled, check the aerial. Go to the *main index* page of the text service and look for the *User Guide*. This will explain the basic operation of text in some detail. If further information is needed on how to use text *see the text section*.

Q *Why are there no analogue text sub-pages?*

A There are <u>none</u> broadcast or they have not yet loaded. Press the ⊟ button to access. *(See text section)*.

Q *Why is a page number visible at the top of the screen but no text?*

A Text has been selected whilst viewing an external source without Teletext information.

Q *Why are the LEDs on the front of the television flashing?*

A Check the table below.

LED indication		Condition	Solution
LED-2	LED-1		
OFF	Green (Solid)	The TV is operatin properly.	–
OFF	Red (Solid)	Standby with Power-On	–
Orange (Solid)	Red (Solid)	Programme timer set (Digital mode)	–
Red (Solid)	Green (Solid)	Programme timer Active (Digital mode)	–
OFF	RED Blinks 0.5 sec cycle	Power protect detection.	Turn OFF the TV and unplug the power cord. Plug the power cord in again and turn ON the TV.
OFF	Red Blinks 1 sec cycle	Abnormal operation of BUS line.	

LED-2   LED-1
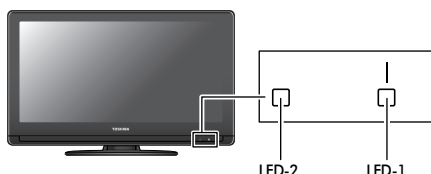
Q *Why are the colours wrong when an NTSC source is played?*

A Connect the source via a SCART lead and play. Select **Manual Settings** from the **SETUP** menu.

> **Manual Settings**
> **Colour System: Auto**
> EXT2   **A**
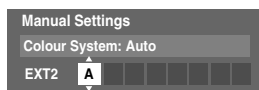
1 Set the Colour to **Auto** and exit.

2 Go to the **Picture Settings** menu and adjust the tint.

Q *Why don't the devices connected via HDMI operate properly?*

A Make sure to use cables with the HDMI logo **HDMI** (see page 9).

Some early HDMI equipment may not work properly with the latest HDMI TV products, due to new standard adoption. Try setting **Lip Sync** to **Off**.

Q *Why don't the REGZA-LINK devices work?*

A When the connected REGZA-LINK device does not work correctly after you have changed settings of the device, turn off your television and unplug the power cord, then plug and turn on again.
Unplug the HDMI cable of the REGZA-LINK device and lead again.

Q *Why is the REGZA-LINK logo still showing when the equipment has been disconnected?*

A If the REGZA-LINK device is disconnected, the logo will disappear after approximately one minute.

English

Notes

For your own records

Cleaning the screen and cabinet...

*Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you **do not** use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.*

Disposal...

The following information is only for EU-member states:
The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

For your own records

English

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Information

Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.

Signal information for Mini D-sub 15 pin connector

Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
1	R	6	Ground	11	NC
2	G	7	Ground	12	NC
3	B	8	Ground	13	H-sync
4	NC*	9	NC	14	V-sync
5	NC	10	Ground	15	NC

* NC = not connected

Acceptable video signals through PC terminal

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
VGA	640 × 480	59.940Hz	31.469kHz	25.175MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
		75.000Hz	46.875kHz	49.500MHz
XGA	1024 × 768	60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
		75.029Hz	60.023kHz	78.750MHz
WXGA	1280 × 768	59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
		74.893Hz	60.289kHz	102.250MHz
	1360 × 768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280 × 1024	60.020Hz	63.981kHz	108.000MHz

NOTE: Depending on the connected PC, the following status may occur; incorrect display, false format detection, picture position failure, blur, or judder. But this is not malfunction of your TV.

English

Acceptable video or PC signals through HDMI terminals

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
480i	720 × 480i	59.940/60.000Hz	15.734/15.750kHz	27.000/27.027MHz
576i	720 × 576i	50.000Hz	15.625kHz	27.000MHz
480p	720 × 480p	59.940/60.000Hz	31.469/31.500kHz	27.000/27.027MHz
576p	720 × 576p	50.000Hz	31.250kHz	27.000MHz
1080i	1920 × 1080i	59.940/60.000Hz	33.716/33.750kHz	74.176/74.250MHz
1080i	1920 × 1080i	50.000Hz	28.125kHz	74.250MHz
720p	1280 × 720p	59.940/60.000Hz	44.955/45.000kHz	74.176/74.250MHz
720p	1280 × 720p	50.000Hz	37.500kHz	74.250MHz
1080p	1920 × 1080p	59.940/60.000Hz	67.500kHz	148.500MHz
1080p	1920 × 1080p	50.000Hz	56.250kHz	148.500MHz
1080p	1920 × 1080p	30.000Hz	33.750kHz	74.250MHz
1080p	1920 × 1080p	25.000Hz	28.125kHz	74.250MHz
1080p	1920 × 1080p	24.000Hz	27.000kHz	74.250MHz
VGA	640 × 480	59.940Hz	31.469kHz	25.175MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
		75.000Hz	46.875kHz	49.500MHz
XGA	1024 × 768	60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
		75.029Hz	60.023kHz	78.750MHz
WXGA	1280 × 768	59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
		74.893Hz	60.289kHz	102.250MHz
	1360 × 768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280 × 1024	60.020Hz	63.981kHz	108.000MHz
		75.025Hz	79.976kHz	135.000MHz

English

Specifications and accessories

DVB-T Broadcast systems/channels
VHF 05-10 (VHF 01-05)
UHF 21-69

Broadcast systems/channels	
PAL-I	UHF UK21-UK69
PAL-B/G	UHF E21-E69
	VHF E2-E12, S1-S41
SECAM-L	UHF F21-F69
	VHF F1-F10, B-Q
SECAM-D/K	UHF R21-R69
	VHF R1-R12

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

EXT1	Input/Output	21-pin SCART	RGB, A/V (AV out: TV out)
EXT2	Input/Output	21-pin SCART	A/V, S-video (AV out: TV out)
EXT3	Input	Phono jacks	$Y, P_B/C_B, P_R/C_R$
		Phono jacks	Audio L + R
EXT3	Input (Side)	Phono jack	Video, S-video
		Phono jacks	Audio L + R
HDMI 1/2	Input	HDMI™ (Audio LIP SYNC supported)	
HDMI3	Input (Side)	HDMI™ (Audio LIP SYNC supported)	
PC	Input	Mini D-sub 15-pin Analogue RGB signal	
PC/HDMI1 Audio		3.5mm mini jack	Audio
Digital Audio Output (S/PDIF)		Optical	
Output to Active Super Woofer		Phono jack	
Fixed Audio Output		Phono jacks	Audio L + R

Stereo		Nicam 2 carrier system	
Visible Screen Size (approx.)	Model	32CV	80cm
		37CV	94cm
		42CV	107cm
		32XV	80cm
		37XV	94cm
		42XV	107cm
Display		16:9	
Sound output (at 10% distortion)		Main 10W + 10W	
Power consumption as specified in EN60107-1 : 1997	Model	32CV	143W
		37CV	173W
		42CV	209W
		32XV	173W
		37XV	188W
		42XV	212W
Standby (approx.)	Model	32CV	0.7W
		37CV	0.7W
		42CV	0.7W
		32XV	0.7W
		37XV	0.7W
		42XV	0.7W
Dimensions (approx.)	Model	32	56cm (H) 79cm (W) 25cm (D)
		37	64cm (H) 91cm (W) 26cm (D)
		42	69cm (H) 101cm (W) 31cm (D)
			(Height dimension includes foot stand)
Weight (approx.)	Model	32CV	16.6kg
		37CV	20.6kg
		42CV	26.7kg
		32XV	16.6kg
		37XV	20.6kg
		42XV	26.7kg
Headphone socket		3.5mm stereo	
Accessories		Remote control 2 batteries (AAA, IEC R03 1.5V) Clip Cleaning cloth (to clean the cabinet and control panel)	

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English

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ICU	Exhibit F

Exhibit A

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* VERSION 2.7.2 Sat Aug 17 09:07:30 2002 Doug Lea (dl at gee)

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